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Publons / Web Of Science ResearcherID: ABD-2324-2020

ScopusID: 56250747600

Yoksis Researcher ID: 29098

Education Information

Doctorate, Firat University, Institute Of Science, Kimya, Turkey 1991 - 1995

Postgraduate, Inonu University, Fen-Edebiyat Fakültesi, Kimya, Turkey 1989 - 1991

Undergraduate, Ataturk University, Fen Edebiyat Fakültesi, Kimya, Turkey 1984 - 1988

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Alkil metakrilatların fiziksel ve termodinamik özelliklerinin incelenmesi, Firat University, Fen Bilimleri Enstitüsü, Kimya, 1995

Postgraduate, Bazı polimerlerin değişik fiziksel özelliklerinin belirlenmesi, Inonu University, Fen Bilimleri Enstitüsü, Kimya, 1991

Research Areas

Chemistry, Physical Chemistry, Conductive Polymers, Polymeric Materials, Thermodynamics, Natural Sciences

Academic Titles / Tasks

Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2007 - Continues

Associate Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2002 - 2007

Assistant Professor, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 1999 - 2002

Research Assistant, Kahramanmaraş Sutcu Imam University, Faculty Of Arts And Sciences, Department Of Chemistry, 1993 - 1999

Research Assistant, Van Yüzüncü Yıl University, Fen Fakültesi, Kimya Bölümü, 1989 - 1993

Academic and Administrative Experience

Head of Department, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2014 - 2020

Director of the Center, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2007 - 2015

Director of The Institution, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2011 - 2013

BAP Coordinator, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2011 - 2013

Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2009 - 2012

BAP Coordinator, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2004 - 2008

Deputy Head of Department, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2002 - 2006

Courses

Polimer Kimyasına Giriş, Undergraduate, 2019 - 2020

Fizikokimya-I, Undergraduate, 2020 - 2021

Bazı Enstrümental Yöntemler ve Uygulamaları-I, Postgraduate, 2019 - 2020

Polimer Teknolojisi-II, Doctorate, 2018 - 2019

Termal Analiz Yöntemleri, Undergraduate, 2019 - 2020

Bazı Enstrümental Yöntemler ve Uygulamaları-II, Postgraduate, 2018 - 2019

Genel Kimya-II, Undergraduate, 2017 - 2018

Polimer Teknolojisi-I, Doctorate, 2018 - 2019

Genel Kimya-I, Undergraduate, 2017 - 2018

Advising Theses

Kaya İ., Konjuge Poli(Azometin)lerin Sentezi ve Optik, Elektrokimyasal, Termal, Fiziksel Özelliklerinin Belirlenmesi , Doctorate, R.NİLAY(Student), Continues

Kaya İ., Karbazol ve Pirol Birimleri İçeren İletken Polimerlerin Sentezi ve Karakterizasyonu, Doctorate, A.Çağlar(Student), Continues

Kaya İ., Triazin Birimi İçeren Poli(azometin)lerin Sentezi ve Karakterizasyonu, Postgraduate, M.CİCİGÜL(Student), 2023

Kaya İ., Benzotiyazol birimleri içeren imin polimerlerinin sentezi ve karakterizasyonu, Postgraduate, E.DİNÇER(Student), 2022

Kaya İ., Naftalen birimi içeren poli(fenoksi-imin)lerin sentezi, karakterizasyonu ve elektrokimyasal özellikleri, Postgraduate, B.AKYÜZ(Student), 2020

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

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

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

Kaya İ., Çelikhane baca tozundan çinko oksit ve çinkonun (ZnO/Zn) ayrıştırılması, Postgraduate, İ.ARDA(Student), 2018

Kaya İ., İletken polimer tabanlı cıva sensörleri, Postgraduate, A.KARAÖNDER(Student), 2017

Kaya İ., Tiyazol birimleri içeren imin polimerlerinin sentezi ve karakterizasyonu, Postgraduate, E.SOLAK(Student), 2017

Kaya İ., Naftalen birimi içeren imin polimerlerinin sentezi ve karakterizasyonu, Postgraduate, F.ZEHRA(Student), 2016

Kaya İ., İmin bağı içeren hidrojenlerin sentezi ve karakterizasyonu, Postgraduate, B.AYTEN(Student), 2016

Kaya İ., Fenotiyazin birimi içeren polimerlerin sentezi ve karakterizasyonu, Postgraduate, R.NİLAY(Student), 2016

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

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

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

Kaya İ., Metil ve hidroksil grupları içeren imin polimerlerinin sentezi ve karakterizasyonu, Postgraduate, Z.FULYA(Student), 2014

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

Kaya İ., Perilaldehit ile aminopiridinlerin kondenzasyon tepkimeleri ve radikalik polimerizasyonları, Postgraduate, T.PÜSKÜL(Student), 2013

Kaya İ., Fenolik grup içeren imin polimerlerinin sentezi ve termal özellikleri, Postgraduate, S.ÇÖPÜR(Student), 2013

KAYA İ., Karbazol birimi içeren kopolimerlerin sentezi, karakterizasyonu ve elektrokromik özellikleri, Doctorate, A.AYDIN(Student), 2012

KAYA İ., İmin ve amin grupları içeren aromatik bileşiklerin katalitik/oksidatif polimerizasyonla sentezi ve karakterizasyonu, Doctorate, D.BAHÇECİ(Student), 2012

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

Kaya İ., Karbazol birimi içeren imin polimerlerinin sentezi ve karakterizasyonu, Postgraduate, M.HAKAN(Student), 2012

Kaya İ., Alifatik etoksisilan grubu içeren imin polimerlerinin sentezi ve karakterizasyonu, Postgraduate, M.ESMA(Student), 2012

Kaya İ., Alifatik metilsilan grubu içeren imin polimerlerinin sentezi ve karakterizasyonu, Postgraduate, N.ÇITAKOĞLU(Student), 2012

Kaya İ., Bazı aromatik bileşiklerin oksidatif polikondenzasyon reaksiyonu ile sentezi ve karakterizasyonu, Postgraduate, B.SÜLEYMAN(Student), 2012

Kaya İ., İzopropil ve tert-bütill grupları içeren aromatik imin polimerlerinin sentezi ve karakterizasyonu, Postgraduate, M.GÖKPINAR(Student), 2011

Kaya İ., Bazı aromatik amin bileşikleriyle 2,4-dihidroksi-benzaldehitin imin polimerlerinin sentezi ve karakterizasyonu, Postgraduate, Ş.KESKİN(Student), 2011

Kaya İ., Aromatik birim içeren azometin polimerlerinin sentezi ve karakterizasyonu, Postgraduate, T.YILMAZ(Student), 2011

Kaya İ., Ana zincirinde hetero atom içeren imin polimerlerinin sentez ve karakterizasyonu, Postgraduate, K.TEMİZKAN(Student), 2011

KAYA İ., Azometin içeren epoksi reçinelerin sentezi ve karakterizasyonu, Doctorate, M.GÜL(Student), 2010

KAYA İ., Fonksiyonel poliazometinlerin sentezi ve karakterizasyonu, Doctorate, S.ÇULHAOĞLU(Student), 2010

Kaya İ., İmin grubu içeren poliüretanların sentezi ve karakterizasyonu, Postgraduate, A.AVCI(Student), 2010

Kaya İ., Alifatik diizosiyanat bileşiğinden türetilen poli(azometin-üretan)ların sentezi ve karakterizasyonu, Postgraduate, M.KAMACI(Student), 2010

Kaya İ., Piridin birimleri içeren imin polimerlerinin sentezi ve karakterizasyonu, Postgraduate, S.DABAN(Student), 2010

KAYA İ., İmin içeren oligomer bileşiklerinin sentezi, karakterizasyonu ve bazı fiziksel özellikleri, Doctorate, S.KOÇA(Student), 2009

Kaya İ., Alifatik ve aromatik grup içeren imin polimerlerinin sentezi ve karakterizasyonu, Postgraduate, S.UYSAL(Student), 2009

Kaya İ., Flor, klor ve metoksi grupları içeren aromatik amin bileşiklerinin oligomerlerinin sentezi, karakterizasyonu, termal ve iletkenlik özellikleri, Postgraduate, A.AYDIN(Student), 2008

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

Kaya İ., Oligo-2-[(4-bromfenil)iminometil]fenol'ün sentezi, optimum reaksiyon şartları ve termal özellikleri, Postgraduate, A.SOLGUNTEKİN(Student), 2005

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

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

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

Kaya İ., Oligo-N-2-amino-3-hidroksipridin ve onun Schiff bazı oligomerlerinin optimum reaksiyon şartları ve termal özelliklerinin belirlenmesi, Postgraduate, S.KOÇA(Student), 2003

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

Kaya İ., Oligo 3-aminopiridin schiff bazının sentezi ve özelliklerinin incelenmesi, Postgraduate, R.GÜLEL(Student), 2001

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

Kaya İ., Oligosalisilik asitin sentezi, sentez şartları ve özelliklerinin incelenmesi, Postgraduate, D.BAGANA(Student), 2001

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **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, vol.449, 2024 (SCI-Expanded)
- II. **The preparation and characterization of poly(acrylamide) hydrogel embedded chitosan/polypyrrole nanoparticle for methyl orange removal**
Yaşar A. Ö., Kaya İ.
POLYMER BULLETIN, vol.81, no.5, pp.4237-4255, 2024 (SCI-Expanded)
- III. **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, vol.193, 2023 (SCI-Expanded)
- IV. **Synthesis, characterization, thermal and electrochemical properties of poly (phenoxy-imine)s containing benzothiazole unit**
Kaya İ., Dinçer E., Yağmur H. K.
POLYMER BULLETIN, vol.81, no.10, pp.1-24, 2023 (SCI-Expanded)
- V. **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, vol.30, no.10, 2023 (SCI-Expanded)
- VI. **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, vol.140, no.27, 2023 (SCI-Expanded)
- VII. **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, vol.441, 2023 (SCI-Expanded)
- VIII. **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, vol.34, no.4, pp.1293-1306, 2023 (SCI-Expanded)
- IX. **Chitosan based hybrid hydrogels for drug delivery: Preparation, biodegradation, thermal, and**

mechanical properties

KAMACI M., KAYA İ.

POLYMERS FOR ADVANCED TECHNOLOGIES, vol.34, no.2, pp.779-788, 2023 (SCI-Expanded)

- X. **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, vol.1272, 2023 (SCI-Expanded)
- XI. **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, vol.32, no.6, pp.2097-2106, 2022 (SCI-Expanded)
- XII. **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, vol.33, no.9, pp.2645-2655, 2022 (SCI-Expanded)
- XIII. **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, vol.282, 2022 (SCI-Expanded)
- XIV. **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, vol.15, no.7, 2022 (SCI-Expanded)
- XV. **Synthesis, characterization, thermal and kinetic properties of chalcone methacrylamide polymers containing halogen group in side chain**
Solmaz A., İlter Z., Kaya İ.
POLYMER BULLETIN, vol.79, no.7, pp.5041-5061, 2022 (SCI-Expanded)
- XVI. **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, vol.75, no.5-6, pp.611-628, 2022 (SCI-Expanded)
- XVII. **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, vol.175, 2022 (SCI-Expanded)
- XVIII. **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, vol.172, 2022 (SCI-Expanded)
- XIX. **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, vol.29, no.4, 2022 (SCI-Expanded)
- XX. **Synthesis of poly(4-aminosalicylic acid) through enzymatic and oxidative polycondensation by H₂O₂ oxidant**
Kaya İ., Yagmur H. K.
IRANIAN POLYMER JOURNAL, vol.31, no.2, pp.199-214, 2022 (SCI-Expanded)
- XXI. **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, vol.59, no.12, pp.849-862, 2022 (SCI-Expanded)

- XXII. **Synthesis and characterization of a pyrene-based Schiff base and its oligomer: Investigation of fluorescent Cr³⁺ probe**
Yeldir E., Erdener D., KAYA İ.
Reactive and Functional Polymers, vol.170, 2022 (SCI-Expanded)
- XXIII. **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, vol.63, no.6, pp.710-721, 2021 (SCI-Expanded)
- XXIV. **Investigation of horseradish peroxide and hydrogen peroxide mediated synthesis of amino-functional oligomers: Characterization and fluorescence study**
KOLCU F., KAYA İ.
SYNTHETIC METALS, vol.280, 2021 (SCI-Expanded)
- XXV. **Comparative study on oxidative and enzyme catalyzed oxidative polymerization of aminophenol compound containing dihalogen**
KAYA İ., Yeldir E. K.
JOURNAL OF POLYMER RESEARCH, vol.28, no.10, 2021 (SCI-Expanded)
- XXVI. **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, vol.158, 2021 (SCI-Expanded)
- XXVII. **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, vol.166, 2021 (SCI-Expanded)
- XXVIII. **Synthesis, Characterization, Thermal Behavior, and Dielectric Properties of Methacrylate Polymers Containing Imine Bonding**
Solmaz A., İlter Z., Kaya İ.
JOURNAL OF ELECTRONIC MATERIALS, vol.50, no.9, pp.5348-5358, 2021 (SCI-Expanded)
- XXIX. **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, vol.35, no.8, 2021 (SCI-Expanded)
- XXX. **Synthesis and characterization of poly(urethane)/silver composites via in situ polymerization**
Yagmur H. K., KAYA İ.
POLYMER COMPOSITES, vol.42, no.6, pp.2704-2716, 2021 (SCI-Expanded)
- XXXI. **A Novel Sensitive and Selective Amperometric Detection Platform for the Vanillin Content in Real Samples**
Karakaya S., Kaya İ.
ELECTROANALYSIS, vol.33, no.6, pp.1615-1622, 2021 (SCI-Expanded)
- XXXII. **Synthesis and multicolor, photophysical, thermal, and conductivity properties of poly(imine)s**
Kaya İ., Solak E., Kamaci M.
Journal of the Taiwan Institute of Chemical Engineers, vol.123, pp.328-337, 2021 (SCI-Expanded)
- XXXIII. **Synthesis, characterization and thermal properties of chalcone methacrylamide polymers containing methoxy group in side chain**
Solmaz A., İlter Z., Kaya İ.
JOURNAL OF POLYMER RESEARCH, vol.28, no.6, 2021 (SCI-Expanded)
- XXXIV. **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, vol.1232, 2021 (SCI-Expanded)

- XXXV. **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, vol.272, 2021 (SCI-Expanded)
- XXXVI. **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, vol.212, 2021 (SCI-Expanded)
- XXXVII. **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.
INORGANICA CHIMICA ACTA, vol.515, 2021 (SCI-Expanded)
- XXXVIII. **Synthesis, characterization, thermal and band gap values of poly(azomethine-ether)s containing aromatic and aliphatic group**
Culhaoglu S., Kaya İ.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.57, no.12, pp.876-887, 2020 (SCI-Expanded)
- XXXIX. **Synthesis, characterization, thermal and electrochemical features of poly (phenoxy-imine)s containing pyridine and pyrimidine units**
Yagmur H. K., Kaya İ., Aydin H.
JOURNAL OF POLYMER RESEARCH, vol.27, no.12, 2020 (SCI-Expanded)
- XL. **Synthesis and characterization of new polymers derived from 2-methyl-m-phenylenediamine as an effective adsorbent for cationic dye removal**
Yagmur H. K., KAYA İ.
ARABIAN JOURNAL OF CHEMISTRY, vol.13, no.11, pp.8183-8199, 2020 (SCI-Expanded)
- XLI. **Synthesis and characterization of poly(3,5-diaminobenzoic acid) via enzymatic and oxidative polymerization and application in methylene blue adsorption**
KAYA İ., Yagmur H. K.
JOURNAL OF MOLECULAR STRUCTURE, vol.1216, 2020 (SCI-Expanded)
- XLII. **Synthesis and electrochemical properties of chitosan-polyphenol composites**
Kaya İ., Ayten B., Yaşar A. Ö.
REACTIVE & FUNCTIONAL POLYMERS, vol.154, 2020 (SCI-Expanded)
- XLIII. **A Schiff base based on triphenylamine and thiophene moieties as a fluorescent sensor for Cr (III) ions: Synthesis, characterization and fluorescent applications**
KOLCU F., ERDENER ÇIRALI D., KAYA İ.
INORGANICA CHIMICA ACTA, vol.509, 2020 (SCI-Expanded)
- XLIV. **Synthesis, structure analysis, investigation of conductivity, thermal properties of polyphenol derivatives containing a rhodanine moiety and their Cu(II), VO(IV) complexes**
Kaya İ., Erçağ A., Culhaoglu S.
INORGANICA CHIMICA ACTA, vol.508, 2020 (SCI-Expanded)
- XLV. **A study of the chemical and the enzyme-catalyzed oxidative polymerization of aromatic diamine bearing chlor substituents, pursuant to structural, thermal and photophysical properties**
KOLCU F., KAYA İ.
EUROPEAN POLYMER JOURNAL, vol.133, 2020 (SCI-Expanded)
- XLVI. **Synthesis of soluble poly(azomethine)s containing thiophene and their fluorescence quantum yields**
Temizkan K., KAYA İ.
POLYMER BULLETIN, vol.77, no.6, pp.3287-3303, 2020 (SCI-Expanded)
- XLVII. **Biodegradable and antibacterial poly(azomethine-urethane)-chitosan hydrogels for potential drug delivery application**

- Kamacı M., Kaya İ.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.31, no.4, pp.898-908, 2020 (SCI-Expanded)
- XLVIII. **Synthesis and antioxidant activities of phenolic Schiff base monomers and polymers**
Yuksel E., Bilici A., Geçibesler İ. H., Kaya İ.
CANADIAN JOURNAL OF CHEMISTRY, vol.98, no.3, pp.151-157, 2020 (SCI-Expanded)
- XLIX. **Fluorescence quantum yields and chromatic properties of poly(azomethine)s containing pyridine ring**
Temizkan K., KAYA İ.
MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS, vol.252, 2020 (SCI-Expanded)
- L. **Poly(azomethine-imide)s containing siloxane moities: Optical, thermal, mechanical, and morphological properties**
KAYA İ., Kannaci M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.137, no.6, 2020 (SCI-Expanded)
- LI. **Synthesis, characterization and quantum yields of multichromic poly(azomethine)s containing carbazole unit**
Kaya İ., Kilavuz E., Temizkan K.
ARABIAN JOURNAL OF CHEMISTRY, vol.13, no.1, pp.1335-1344, 2020 (SCI-Expanded)
- LII. **Thiophene substituted phenothiazine polymers: Design, synthesis and characterization**
Tezel R. N., Kaya İ.
ARABIAN JOURNAL OF CHEMISTRY, vol.13, no.1, pp.3123-3136, 2020 (SCI-Expanded)
- LIII. **Synthesis, optical and electrochemical abilities of highly soluble poly(epoxy-ether)s bearing perylene bisimide units and their enhanced thermal properties by curing process**
Kolcu F., Culhaoglu S., Kaya İ.
PROGRESS IN ORGANIC COATINGS, vol.137, 2019 (SCI-Expanded)
- LIV. **Synthesis and characterization of substituted poly(naphthalene)s with imine bonding containing thiophene unit**
ŞENOL BAHÇECİ D., KAYA İ.
MATERIALS CHEMISTRY AND PHYSICS, vol.237, 2019 (SCI-Expanded)
- LV. **The synthesis, characterization and effect of molar mass distribution on solid-state degradation kinetics of oligo(orcinol)**
DOĞAN F., Ozdek N., AÇAR SELÇUKİ N., KAYA İ.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.138, no.1, pp.163-173, 2019 (SCI-Expanded)
- LVI. **A cross-linker containing aldehyde functionalized ionic liquid for chitosan**
Yasar A. O., Kaya İ.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.56, no.9, pp.860-870, 2019 (SCI-Expanded)
- LVII. **Synthesis and a new mercury (II) ion sensor application of conductive polymer containing rhodamine B**
Sahutoglu A. K., Kaya İ.
REACTIVE & FUNCTIONAL POLYMERS, vol.141, pp.50-57, 2019 (SCI-Expanded)
- LVIII. **Synthesis, Electrochemical and Fluorescence Properties of Poly(azomethine-naphthalene)s**
Kaya İ., Yener F. Z.
ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.44, no.7, pp.6339-6349, 2019 (SCI-Expanded)
- LIX. **Synthesis, characterization, optical and electrochemical band gaps of green poly(azomethine-ester)s containing oxalyl and succinyl units**
Temizkan K., Kaya İ.
BULLETIN OF MATERIALS SCIENCE, vol.42, no.3, 2019 (SCI-Expanded)
- LX. **Synthesis and characterization of epoxy resins containing imine group and their curing processes with aromatic diamine**
KAYA İ., Gul M., ŞENOL BAHÇECİ D.

JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.56, no.6, pp.618-627, 2019 (SCI-Expanded)

- LXI. **Synthesis, Characterization and Fluorescence Quantum Yields of Thermally Resisted Shinning Polymers Containing Thiophene and Azomethine Units**
Temizkan K., KAYA İ.
JOURNAL OF FLUORESCENCE, vol.29, no.3, pp.757-767, 2019 (SCI-Expanded)
- LXII. **3-Aminopropyltriethoxysilane-mediated (phenoxy-imine) polymers: synthesis and characterization**
Kaya İ., Boz M. E., Kolcu F.
POLYMER BULLETIN, vol.76, no.4, pp.1651-1674, 2019 (SCI-Expanded)
- LXIII. **Comparison of electrical characteristics of zinc oxide and cadmium sulfide films covered with 8-hydroxyquinoline for diode applications**
Demir R., Kaya İ.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN ELECTRONICS, vol.30, no.7, pp.7103-7109, 2019 (SCI-Expanded)
- LXIV. **Polymeric fluorescent film sensor based on poly(azomethine-urethane): Ion sensing and surface properties**
Kamaci M., KAYA İ.
REACTIVE & FUNCTIONAL POLYMERS, vol.136, pp.1-8, 2019 (SCI-Expanded)
- LXV. **Poly(azomethine)s Anchored by Cresol and Pyrrole Units: Synthesis, Characterization and Spectroscopy Studies**
KAYA İ., KOLCU F., Arici G. T., Colekoglu E.
MACROMOLECULAR RESEARCH, vol.27, no.2, pp.164-174, 2019 (SCI-Expanded)
- LXVI. **Synthesis, Characterization, and Optical, Electrical and Thermal Stabilities of Poly(phenoxy-imine)s Containing Methyl and Hydroxyl Groups**
Kaya İ., Yetgin Z. F.
JOURNAL OF ELECTRONIC MATERIALS, vol.48, no.1, pp.425-437, 2019 (SCI-Expanded)
- LXVII. **Synthesis, characterization and electrochemical properties of poly(phenoxy-imine)s containing peril and tert-butyl units**
Kaya İ., Sandal B. S., Karaer H.
JOURNAL OF KING SAUD UNIVERSITY SCIENCE, vol.31, no.1, pp.75-82, 2019 (SCI-Expanded)
- LXVIII. **Synthesis and characterization of fluorescent polyphenols anchored Schiff bases via oxidative polycondensation**
KAYA İ., KOLCU F., Satilmis S., Yazicioglu Z.
MATERIALS SCIENCE-POLAND, vol.36, no.4, pp.584-596, 2018 (SCI-Expanded)
- LXIX. **Melamine-based poly(azomethine) hydrogels: Mechanical, biodegradability, drug loading and antibacterial properties**
Kamaci M., Kaya İ.
EUROPEAN POLYMER JOURNAL, vol.108, pp.107-115, 2018 (SCI-Expanded)
- LXX. **Poly(azomethine-epoxy-ether) containing phenyl and etoxy moieties: synthesis, characterization and fluorescence property**
KOLCU F., KAYA İ.
CHEMICAL PAPERS, vol.72, no.11, pp.2821-2832, 2018 (SCI-Expanded)
- LXXI. **Polymerization of Chrysoidine with chemical and enzymatic oxidative preference: Synthesis, characterization, and spectroscopic study**
KAYA İ., KOLCU F.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.29, no.9, pp.2515-2528, 2018 (SCI-Expanded)
- LXXII. **Synthesis, optical, and thermal properties of polyimides containing flexible ether linkage**
KAYA İ., Kamaci M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.135, no.31, 2018 (SCI-Expanded)
- LXXIII. **Conducting polymer composites based on LDPE doped with poly(aminonaphthol sulfonic acid)**
DOĞAN F., ŞİRİN K., KOLCU F., KAYA İ.

JOURNAL OF ELECTROSTATICS, vol.94, pp.85-93, 2018 (SCI-Expanded)

- LXXIV. **Synthesis, characterization and fluorescence properties of azomethine polymer containing quinoline unit**

KAYA İ., Er G., Temizkan K.

POLYMER BULLETIN, vol.75, no.5, pp.1809-1822, 2018 (SCI-Expanded)

- LXXV. **Syntheses of poly(phenoxy-imine)s anchored with carboxyl group: Characterization and photovoltaic studies**

KAYA İ., Ayten B., ŞENOL BAHÇECİ D.

OPTICAL MATERIALS, vol.78, pp.421-431, 2018 (SCI-Expanded)

- LXXVI. **Synthesis, characterization, optimum reaction conditions, and some polymer-metal complexes of poly(phenoxy-imine)s containing furan ring**

KAYA İ., Orta I. E., Ozdemir E., ŞENOL BAHÇECİ D.

JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.15, no.1, pp.35-46, 2018 (SCI-Expanded)

- LXXVII. **Humidity properties of Schiff base polymers**

Demir R., Kaya İ.

OPEN CHEMISTRY, vol.16, no.1, pp.937-943, 2018 (SCI-Expanded)

- LXXVIII. **Synthesis, Characterization, Electrochemical and Surface Morphologies of Polyazomethines Containing Silane and Phosphazene Units**

Temizkan K., Kaya İ.

JOURNAL OF FLUORESCENCE, vol.27, no.5, pp.1667-1677, 2017 (SCI-Expanded)

- LXXIX. **Biocatalytic Synthesis of a Novel Polyaniline Derivative and Its Usage for Polypropylene Stabilization**

Bilici A., Geçibesler İ. H., Coga Y., Kaya İ.

INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.56, no.33, pp.9266-9274, 2017 (SCI-Expanded)

- LXXX. **Synthesis, characterization, electrochemical and surface morphology properties of poly(azomethine-ester)s**

Temizkan K., Kaya İ.

POLYMER BULLETIN, vol.74, no.7, pp.2575-2592, 2017 (SCI-Expanded)

- LXXXI. **Reaction Conditions, Photophysical, Electrochemical, Conductivity, and Thermal Properties of Polyazomethines**

Kaya İ., Gokpinar M., Kamaci M.

MACROMOLECULAR RESEARCH, vol.25, no.7, pp.739-748, 2017 (SCI-Expanded)

- LXXXII. **Heat resisting and water-soluble chocolate polyesters containing azomethine group**

Temizkan K., Kaya İ.

MATERIALS SCIENCE-POLAND, vol.35, no.2, pp.303-312, 2017 (SCI-Expanded)

- LXXXIII. **Synthesis and characterization of azomethine polymers containing ether and ester groups**

Şenol Bahçeci D., Kaya İ.

JOURNAL OF SAUDI CHEMICAL SOCIETY, vol.21, no.5, pp.505-516, 2017 (SCI-Expanded)

- LXXXIV. **Synthesis and Characterizations of Poly(phenoxy-Imine)s via Catalyzed Oxidative Polymerization by Polymer-Metal Complex**

Şenol Bahçeci D., Kaya İ.

ARABIAN JOURNAL FOR SCIENCE AND ENGINEERING, vol.42, no.6, pp.2381-2396, 2017 (SCI-Expanded)

- LXXXV. **Synthesis and characterization of semi-conductive, thermally stable imine polymers containing methyl silane group**

Kaya İ., Citakoglu N., Kolcu F.

POLYMER BULLETIN, vol.74, no.4, pp.1343-1369, 2017 (SCI-Expanded)

- LXXXVI. **Synthesis, characterization and using at the copper adsorption of chitosan/polyvinyl alcohol magnetic composite**

Karaer H., KAYA İ.

JOURNAL OF MOLECULAR LIQUIDS, vol.230, pp.152-162, 2017 (SCI-Expanded)

- LXXXVII. **Synthesis, characterization, thermal and electrochemical properties of imine polymers containing pyridine and pyrimidine units**

Karaer H., Kaya İ., Aydın H.
POLIMERY, vol.62, no.3, pp.170-180, 2017 (SCI-Expanded)

- LXXXVIII. **A highly selective, sensitive and stable fluorescent chemosensor based on Schiff base and poly(azomethine-urethane) for Fe³⁺ ions**

Kamaci M., KAYA İ.
JOURNAL OF INDUSTRIAL AND ENGINEERING CHEMISTRY, vol.46, pp.234-243, 2017 (SCI-Expanded)

- LXXXIX. **Enzymatic synthesis of 5-amino quinoline oligomers and evaluation of their free radical scavenging activity**

Bilici A., Geçibesler İ. H., Kaya İ.
CANADIAN JOURNAL OF CHEMISTRY, vol.95, no.1, pp.7-15, 2017 (SCI-Expanded)

- XC. **Peroxidase/H₂O₂ catalyzed oxidative oligomerization of 1-aminopyrene**

KAYA İ., BİLİCİ A., TEZEL R. N., TEMİZKAN K., DOĞAN F.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.54, no.4, pp.243-248, 2017 (SCI-Expanded)

- XCI. **Preparation and Characterization of poly(Azomethines) Containing Ether and Methylene Bridges: Photophysical, Electrochemical, Conductivity and Thermal Properties**

Kaya İ., Yilmaz T.
JOURNAL OF FLUORESCENCE, vol.27, no.1, pp.379-389, 2017 (SCI-Expanded)

- XCII. **Synthesis, characterization and photovoltaic studies of oligo(acriflavine) via chemical oxidative polymerization**

KOLCU F., KAYA İ.
RSC ADVANCES, vol.7, no.15, pp.8973-8984, 2017 (SCI-Expanded)

- XCIII. **Photophysical and Thermal Properties of Polyazomethines Containing Various Flexible Units**

Kaya İ., Avci A., Temizkan K.
MACROMOLECULAR RESEARCH, vol.25, no.1, pp.45-53, 2017 (SCI-Expanded)

- XCIV. **Multi-response behavior of aminosulfonaphthole system**

DOĞAN F., KAYA İ., Temizkan K.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.133, pp.234-245, 2016 (SCI-Expanded)

- XCv. **Thermodynamics of poly(7-methoxy-2-acetylbenzofurane methyl methacrylate-co-styrene) and poly(2-acetylbenzofurane methyl methacrylate-co-styrene)-probe interactions at different temperatures by inverse gas chromatography**

İLTER Z., Demir A., KAYA İ.
JOURNAL OF CHEMICAL THERMODYNAMICS, vol.102, pp.130-139, 2016 (SCI-Expanded)

- XCvI. **Superhydrophobic-electrochromic PEDOT/PFHP bilayer surfaces**

Çağlar A., Yildirim M., CENGİZ U., KAYA İ.
THIN SOLID FILMS, vol.619, pp.187-194, 2016 (SCI-Expanded)

- XCvII. **Synthesis, characterization of magnetic chitosan/active charcoal composite and using at the adsorption of methylene blue and reactive blue4**

Karaer H., KAYA İ.
MICROPOROUS AND MESOPOROUS MATERIALS, vol.232, pp.26-38, 2016 (SCI-Expanded)

- XCvIII. **Synthesis, Characterization, Electrical Conductivity and Fluorescence Properties of Polyimine Bearing Phenylacetylene Units**

ŞENOL BAĞÇECİ D., KOLCU F., KAYA İ.
JOURNAL OF FLUORESCENCE, vol.26, no.5, pp.1579-1590, 2016 (SCI-Expanded)

- XCIX. **Fabrication of superhydrophobic and highly oleophobic electrochromic composite surfaces**

Yildirim M., Demir G. E., Çağlar A., CENGİZ U., KAYA İ.
PROGRESS IN ORGANIC COATINGS, vol.97, pp.254-260, 2016 (SCI-Expanded)

- C. **Regioselectively functionalized synthesis of poly(amino naphthalene disulfonic acid)**

DOĞAN F., KAYA İ., Temizkan K.
SYNTHETIC METALS, vol.215, pp.77-85, 2016 (SCI-Expanded)

- CI. **New low-band gap polyurethanes containing azomethine bonding: Photophysical, electrochemical,**

thermal and morphological properties

Kamaci M., KAYA İ.

JOURNAL OF THE TAIWAN INSTITUTE OF CHEMICAL ENGINEERS, vol.59, pp.536-546, 2016 (SCI-Expanded)

- CII. **Synthesis and characterization of conjugated polyphenols derived from azomethine formation containing terephthaldehyde via oxidative polycondensation**
KOLCU F., KAYA İ.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.53, no.7, pp.438-451, 2016 (SCI-Expanded)
- CIII. **Multilayer electrochromic surfaces derived from conventional conducting polymers: Optical and surface properties**
Demir G. E., Yildirim M., CENGİZ U., KAYA İ.
REACTIVE & FUNCTIONAL POLYMERS, vol.97, pp.63-68, 2015 (SCI-Expanded)
- CIV. **The crosslinked poly(azomethine-urethane)s containing o-hydroxyazomethine: Tunable multicolor emission, photophysical and thermal properties**
Kamaci M., Avci A., KAYA İ.
PROGRESS IN ORGANIC COATINGS, vol.88, pp.325-336, 2015 (SCI-Expanded)
- CV. **Fluorescence, thermal and electrochemical properties of poly(azomethine-urethane)s containing sulfone group**
Avci A., Temizkan K., KAYA İ.
POLYMER BULLETIN, vol.72, no.11, pp.2871-2889, 2015 (SCI-Expanded)
- CVI. **Synthesis route to regioselectively functionalized bifunctional polyarene**
DOĞAN F., KAYA İ., Temizkan K.
POLYMER INTERNATIONAL, vol.64, no.11, pp.1639-1648, 2015 (SCI-Expanded)
- CVII. **2,4-Diamino-6-Hydroxypyrimidine Based Poly(azomethine-Urethane): Synthesis and Application as a Fluorescent Probe for Detection of Cu²⁺ in Aqueous Solution**
Kamaci M., Kaya İ.
JOURNAL OF FLUORESCENCE, vol.25, no.5, pp.1339-1349, 2015 (SCI-Expanded)
- CVIII. **The Novel Poly(azomethine-urethane): Synthesis, Morphological Properties and Application as a Fluorescent Probe for Detection of Zn²⁺ Ions**
Kamaci M., KAYA İ.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.25, no.5, pp.1250-1259, 2015 (SCI-Expanded)
- CIX. **Synthesis and characterization of polyphenol derived from Schiff bases containing methyl and carboxyl groups in the structure**
KAYA İ., Kartal E., ŞENOL BAHÇECİ D.
DESIGNED MONOMERS AND POLYMERS, vol.18, no.6, pp.524-535, 2015 (SCI-Expanded)
- CX. **Synthesis of Novel crosslinked Poly(azomethine-urethane)s: Photophysical and thermal properties**
Avci A., Kamaci M., KAYA İ., Yildirim M.
MATERIALS CHEMISTRY AND PHYSICS, vol.163, pp.301-310, 2015 (SCI-Expanded)
- CXI. **A novel shape-controlled synthesis of bifunctional organic polymeric nanoparticles**
DOĞAN F., Temizkan K., KAYA İ.
POLYMER, vol.70, pp.59-67, 2015 (SCI-Expanded)
- CXII. **Synthesis, characterization, and thermal decompositions of Schiff base polymers containing chitosan unit**
Karaer H., KAYA İ.
IRANIAN POLYMER JOURNAL, vol.24, no.6, pp.471-480, 2015 (SCI-Expanded)
- CXIII. **Novel Multicolor Schiff Base Polymers Prepared via Oxidative Polycondensation**
KAYA İ., Kilavuz E.
JOURNAL OF FLUORESCENCE, vol.25, no.3, pp.663-673, 2015 (SCI-Expanded)
- CXIV. **Template-free oxidative synthesis of polyaminonaphthol nanowires**
DOĞAN F., KAYA İ., Temizkan K.

EUROPEAN POLYMER JOURNAL, vol.66, pp.397-406, 2015 (SCI-Expanded)

- CXV. **Chemical oxidative polymerization, optical, electrochemical and kinetic studies of 8-amino-2-naphthol**
DOĞAN F., KAYA İ., BİLİCİ A., Yildirim M.
JOURNAL OF POLYMER RESEARCH, vol.22, no.6, 2015 (SCI-Expanded)
- CXVI. **Synthesis and Characterization of Novel Polyamines Containing Different Substitute Groups Via Chemical Oxidative Polymerization**
ŞENOL BAHÇECİ D., KAYA İ.
JOURNAL OF THE CHINESE CHEMICAL SOCIETY, vol.62, no.5, pp.429-438, 2015 (SCI-Expanded)
- CXVII. **A new selective fluorescent sensor for Zn(II) ions based on poly(azomethine-urethane)**
Avci A., KAYA İ.
TETRAHEDRON LETTERS, vol.56, no.14, pp.1820-1824, 2015 (SCI-Expanded)
- CXVIII. **Synthesis of thermally stable and low band gap poly(azomethine-urethane)s containing fluorene unit in the backbone**
KAYA İ., Avci A., Temizkan K.
KOREAN JOURNAL OF CHEMICAL ENGINEERING, vol.32, no.4, pp.777-786, 2015 (SCI-Expanded)
- CXIX. **Facile preparation of gold nanoparticles on the polyquinoline matrix: Catalytic performance toward 4-nitrophenol reduction**
BİLİCİ A., Ayten B., KAYA İ.
SYNTHETIC METALS, vol.201, pp.11-17, 2015 (SCI-Expanded)
- CXX. **Synthesis, Characterization, Thermal Stability and Conductivity of New Schiff Base Polymer Containing Sulfur and Oxygen Bridges**
Culhaoglu S., KAYA İ.
POLYMER-KOREA, vol.39, no.2, pp.225-234, 2015 (SCI-Expanded)
- CXXI. **Effect of deposition charges on the wettability performance of electrochromic polymers**
ÇAĞLAR A., CENGİZ U., Yildirim M., KAYA İ.
APPLIED SURFACE SCIENCE, vol.331, pp.262-270, 2015 (SCI-Expanded)
- CXXII. **Regioselective synthesis of polygamma (gamma) acid**
DOĞAN F., Temizkan K., KAYA İ.
RSC ADVANCES, vol.5, no.66, pp.53369-53380, 2015 (SCI-Expanded)
- CXXIII. **A green light emitting polymer in a PMMA matrix: oligo(azomethine-ether) with benzothiazole moieties**
Yildirim M., KAYA İ.
TURKISH JOURNAL OF CHEMISTRY, vol.39, no.2, pp.217-234, 2015 (SCI-Expanded)
- CXXIV. **Synthesis and characterization of imine polymers of aromatic aldehydes with 4-amino-2-methylquinoline via oxidative polycondensation**
KAYA İ., KOLCU F., DEMİRAL G., ERGUL H., KILIC E.
DESIGNED MONOMERS AND POLYMERS, vol.18, no.1, pp.89-104, 2015 (SCI-Expanded)
- CXXV. **Chemical Oxidative Synthesis and Characterization of Poly(8-hydroxyquinoline) Particles**
DOĞAN F., KAYA İ., TEMİZKAN K.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.51, no.12, pp.948-961, 2014 (SCI-Expanded)
- CXXVI. **Synthesis and characterizations of poly(ether)/poly(phenol)s including azomethine coupled benzothiazole side chains: the effect of reaction conditions on the structure, optical, electrochemical, electrical and thermal properties**
Yildirim M., KAYA İ.
POLYMER BULLETIN, vol.71, no.12, pp.3067-3084, 2014 (SCI-Expanded)
- CXXVII. **Facile chemical route to copper/polymer composite: Simultaneous reduction and polymerization**
BİLİCİ A., TEZEL R. N., KAYA İ.
COLLOIDS AND SURFACES A-PHYSICOCHEMICAL AND ENGINEERING ASPECTS, vol.459, pp.254-260, 2014 (SCI-Expanded)

- CXXVIII. **Synthesis, Thermal and Morphological Properties of Polyurethanes Containing Azomethine Linkage**
KAMACI M., KAYA İ.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.24, no.5, pp.803-818, 2014 (SCI-Expanded)
- CXXIX. **6-Hydroxyquinoline Oligomers Emit White Light**
DOĞAN F., BİLİCİ A., Yildirim M., KAYA İ.
SCIENCE OF ADVANCED MATERIALS, vol.6, no.9, pp.1957-1964, 2014 (SCI-Expanded)
- CXXX. **Synthesis and characterization of aromatic compounds containing imine and amine groups via oxidative polycondensation**
ŞENOL D., KAYA İ.
DESIGNED MONOMERS AND POLYMERS, vol.17, no.6, pp.557-575, 2014 (SCI-Expanded)
- CXXXI. **Synthesis, characterization, optical, and electrochemical properties of thermal stable novel poly(azomethine-ether)s**
KAYA İ., Avcı A., KOLCU F., Culhaoglu S.
DESIGNED MONOMERS AND POLYMERS, vol.17, no.5, pp.481-490, 2014 (SCI-Expanded)
- CXXXII. **Synthesis and Characterization of the New Pyridine-Containing Poly(azomethine-urethane)s: The Effect of Methyl Substituent as Electron-Donating Group on Some Physical Properties**
Kamaci M., KAYA İ.
POLYMER ENGINEERING AND SCIENCE, vol.54, no.7, pp.1664-1674, 2014 (SCI-Expanded)
- CXXXIII. **Thermodynamics of poly(benzyl methacrylate)-probe interactions at different temperatures by using inverse gas chromatography**
KAYA İ., PALA C. Y.
FLUID PHASE EQUILIBRIA, vol.374, pp.63-69, 2014 (SCI-Expanded)
- CXXXIV. **Synthesis, Characterization and Conductivity Properties of Novel Oligomer Schiff Bases Derived from 4-Amino-3-hydrazino-5-mercapto-1, 2, 4-triazole and Their Reactions with VO(IV), Cu(II) Ions**
KAYA İ., Ercag A., AVCI A., ÇULHAOĞLU S.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.24, no.4, pp.665-675, 2014 (SCI-Expanded)
- CXXXV. **Synthesis and characterization of Schiff base derivative with pyrrole ring and electrochromic applications of its oligomer**
KAYA İ., BORA E., AYDIN A.
PROGRESS IN ORGANIC COATINGS, vol.77, no.2, pp.463-472, 2014 (SCI-Expanded)
- CXXXVI. **Photophysical, Electrochemical, Thermal and Morphological Properties of Polyurethanes Containing Azomethine Bonding**
KAMACI M., KAYA İ.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.51, no.10, pp.805-819, 2014 (SCI-Expanded)
- CXXXVII. **Synthesis, characterization and non-isothermal decomposition kinetic of a new galactochloralose based polymer**
KÖK G., Ay K., Ay E., DOĞAN F., KAYA İ.
CARBOHYDRATE POLYMERS, vol.101, pp.324-331, 2014 (SCI-Expanded)
- CXXXVIII. **Catalytic Oxidation of 2,7-Dihydroxynaphthalene**
BİLİCİ A., DOĞAN F., KAYA İ.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.53, no.1, pp.104-109, 2014 (SCI-Expanded)
- CXXXIX. **The optical properties of plasma polymerized polyaniline thin films**
Goktas H., DEMIRCIOGLU Z., SEL K., Gunes T., KAYA İ.
THIN SOLID FILMS, vol.548, pp.81-85, 2013 (SCI-Expanded)
- CXL. **Synthesis and characterization of a new dyestuff polymer soluble in alkaline aqueous media**
KAYA İ., AYDIN A., TEMIZKAN K.
CHINESE JOURNAL OF POLYMER SCIENCE, vol.31, no.12, pp.1632-1646, 2013 (SCI-Expanded)
- CXLI. **Synthesis and characterization of ether bridged polymers and their fluorescent, thermal,**

conductivity, optical and electrochemical properties

KAYA İ., TEMIZKAN K., AYDIN A.

JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.708, pp.54-61, 2013 (SCI-Expanded)

- CXLII. **Syntheses and characterizations of multifunctional polyphenols derived from dihydroxyphenylene-based Schiff bases**
Kaya İ., Keskin S.
POLIMERY, vol.58, pp.883-892, 2013 (SCI-Expanded)
- CXLIII. **Azomethine coupled fluorene-thiophene-pyrrole based copolymers: Electrochromic applications**
Yildirim M., KAYA İ., AYDIN A.
REACTIVE & FUNCTIONAL POLYMERS, vol.73, no.9, pp.1167-1174, 2013 (SCI-Expanded)
- CXLIV. **Synthesis of Metal-Coordinated Poly(azomethine-urethane)s: Thermal Stability, Optical and Electrochemical Properties**
Kamaci M., KAYA İ.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.23, no.5, pp.1159-1171, 2013 (SCI-Expanded)
- CXLV. **Synthesis, characterization and some properties of epoxy resins containing azomethine bonding**
KAYA İ., GÜL M.
CHINESE JOURNAL OF POLYMER SCIENCE, vol.31, no.8, pp.1087-1095, 2013 (SCI-Expanded)
- CXLVI. **Synthesis and characterization of aromatic and aliphatic ether bridged polymers containing carbazole moieties**
KAYA İ., TEMIZKAN K., AYDIN A.
MATERIALS SCIENCE AND ENGINEERING B-ADVANCED FUNCTIONAL SOLID-STATE MATERIALS, vol.178, no.13, pp.863-874, 2013 (SCI-Expanded)
- CXLVII. **Facile synthesis of self-stabilized polyphenol nanoparticles**
BİLİCİ A., DOĞAN F., Yildirim M., KAYA İ.
MATERIALS CHEMISTRY AND PHYSICS, vol.140, no.1, pp.66-74, 2013 (SCI-Expanded)
- CXLVIII. **Thermal decomposition studies of Schiff-base-substitute polyphenolmetal complexes**
DOĞAN F., KAYA İ.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.128, no.6, pp.3782-3793, 2013 (SCI-Expanded)
- CXLIX. **Syntheses, characterizations and electrochromic applications of polymers derived from carbazole containing thiophene rings in side chain with electrochemical and FeCl₃ methods**
AYDIN A., KAYA İ.
ORGANIC ELECTRONICS, vol.14, no.3, pp.730-743, 2013 (SCI-Expanded)
- CL. **Syntheses of novel copolymers containing carbazole and their electrochromic properties**
AYDIN A., KAYA İ.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.691, pp.1-12, 2013 (SCI-Expanded)
- CLI. **The effect of the oxidant used during polymerization on the solid-state decomposition kinetics of poly(4-methyl catechol)**
DOĞAN F., Topallar H., KAYA İ., Yurekli M.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.111, no.2, pp.1515-1522, 2013 (SCI-Expanded)
- CLII. **Highly Selective and Stable Florescent Sensor for Cd(II) Based on Poly(azomethine-urethane)**
KAYA İ., Kamaci M.
JOURNAL OF FLUORESCENCE, vol.23, no.1, pp.115-121, 2013 (SCI-Expanded)
- CLIII. **Synthesis and characterization of iminothiazole bearing polyphenol with adjustable white-yellow photoluminescence color**
Yildirim M., KAYA İ.
SYNTHETIC METALS, vol.162, no.24, pp.2443-2450, 2012 (SCI-Expanded)
- CLIV. **Syntheses and characterization of poly(iminophenol)s derived from 4-bromobenzaldehyde: Thermal, optical, electrochemical and fluorescent properties**
KAYA İ., Avci A., Gultekina O.
CHINESE JOURNAL OF POLYMER SCIENCE, vol.30, no.6, pp.796-807, 2012 (SCI-Expanded)

- CLV. **Synthesis and characterization of an acrylate polymer containing chlorine-1,3-dioxalane groups in side chains**
 Ilter Z., Alhanli F., DOĞAN F., KAYA İ.
 CHINESE JOURNAL OF POLYMER SCIENCE, vol.30, no.5, pp.642-651, 2012 (SCI-Expanded)
- CLVI. **Syntheses and characterizations of oligo(azomethine ether)s derived from 2,2 '-[1,4-enylenebis (methyleneoxy)]dibenzaldehyde and 2,2 '-[1,2-phenylenebis (methyleneoxy)]dibenzaldehyde**
 KAYA İ., ÇULHAOĞLU S.
 CHINESE JOURNAL OF POLYMER SCIENCE, vol.30, no.5, pp.682-693, 2012 (SCI-Expanded)
- CLVII. **Tunable Multicolor Emission in Oligo(4-hydroxyquinoline)**
 Bilici A., DOĞAN F., Yildirim M., KAYA İ.
 JOURNAL OF PHYSICAL CHEMISTRY C, vol.116, no.37, pp.19934-19940, 2012 (SCI-Expanded)
- CLVIII. **Synthesis and characterization of polyphenols derived from 4-fluorobenzaldehyde: The effect of electron-donating group on some physical properties**
 KAYA İ., Kamaci M., ARICAN F.
 JOURNAL OF APPLIED POLYMER SCIENCE, vol.125, no.1, pp.608-619, 2012 (SCI-Expanded)
- CLIX. **Novel poly(azomethine-urethane)s and their polyphenol derivatives derived from aliphatic diisocyanate compound: Synthesis and thermal characterization**
 KAYA İ., Kamaci M.
 JOURNAL OF APPLIED POLYMER SCIENCE, vol.125, no.2, pp.876-887, 2012 (SCI-Expanded)
- CLX. **Electrochemical syntheses and characterizations of poly(2-aminobenzothiazole)s**
 Yildirim M., KAYA İ.
 SYNTHETIC METALS, vol.162, pp.834-842, 2012 (SCI-Expanded)
- CLXI. **Syntheses and pH Sensing Applications of Imine-Coupled Phenol and Polyphenol Species Derived from 2-Amino-4-Nitrophenol**
 Yildirim M., AYDIN A., KAYA İ.
 JOURNAL OF FLUORESCENCE, vol.22, no.3, pp.961-970, 2012 (SCI-Expanded)
- CLXII. **Synthesis, optical, electrochemical, and thermal stability properties of poly(azomethine-urethane)s**
 KAYA İ., Kamaci M.
 PROGRESS IN ORGANIC COATINGS, vol.74, no.1, pp.204-214, 2012 (SCI-Expanded)
- CLXIII. **A comparative study of aminothiazole-based polymers synthesized by chemical oxidative polymerization**
 Yildirim M., KAYA İ.
 SYNTHETIC METALS, vol.162, pp.436-443, 2012 (SCI-Expanded)
- CLXIV. **Synthesis, characterization, and thermal stability of novel poly(azomethine-urethane)s and polyphenol derivatives derived from 2,4-dihydroxy benzaldehyde and toluene-2,4-diisocyanate**
 KAYA İ., Avci A.
 MATERIALS CHEMISTRY AND PHYSICS, vol.133, no.1, pp.269-277, 2012 (SCI-Expanded)
- CLXV. **Synthesis, spectroscopic and thermal properties of Pt(II) complexes of some polydentate ligands**
 BARAN Y., KAYA İ., Turkyilmaz M.
 JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.107, no.3, pp.869-875, 2012 (SCI-Expanded)
- CLXVI. **Synthesis and characterization of yellow and green light emitting novel polymers containing carbazole and electroactive moieties**
 AYDIN A., KAYA İ.
 ELECTROCHIMICA ACTA, vol.65, pp.104-114, 2012 (SCI-Expanded)
- CLXVII. **A new approach for synthesis of electroactive phenol based polymer: 4-(2,5-Di(thiophen-2-yl)-1H-pyrrol-1-yl)phenol and its oxidative polymer**
 KAYA İ., AYDIN A.
 PROGRESS IN ORGANIC COATINGS, vol.73, pp.239-249, 2012 (SCI-Expanded)
- CLXVIII. **Polyfluorene Thin Films Synthesized by a Novel Plasma Polymerization Method**
 Goktas H., MANSUROGLU D., ATALAY B., Bilikmen S., KAYA İ.
 PLASMA CHEMISTRY AND PLASMA PROCESSING, vol.32, no.1, pp.35-44, 2012 (SCI-Expanded)

- CLXIX. **Synthesis and Spectrophotometric P-H Sensing Applications of Poly-2-[4-(diethylaminophenyl)imino]-5-nitro-phenol and its Schiff Base Monomer for Two Different P-H Ranges**
KAYA İ., AYDIN A., Yildirim M.
JOURNAL OF FLUORESCENCE, vol.22, no.1, pp.495-504, 2012 (SCI-Expanded)
- CLXX. **Synthesis, characterization, and thermal degradation of new aromatic poly(azomethine-urethane)s and their polyphenol derivatives**
KAYA İ., Avci A.
JOURNAL OF POLYMER RESEARCH, vol.19, no.2, 2012 (SCI-Expanded)
- CLXXI. **Phenol side-groups-containing fluorene polymer synthesized by catalytic oxidative polymerization**
Bilici A., KAYA İ., ŞENOL D.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.22, no.12, pp.1953-1958, 2011 (SCI-Expanded)
- CLXXII. **Plasma Copolymerization of Thiophene and Pyrrole**
Goktas H., GUNES T., ATALAY B., Er A. O., KAYA İ.
IEEE TRANSACTIONS ON PLASMA SCIENCE, vol.39, no.11, pp.2578-2579, 2011 (SCI-Expanded)
- CLXXIII. **Synthesis and characterization of new poly(azomethine-urethane) and polyphenol derivatives obtained from 3,4-dihydroxy benzaldehyde and hexamethylene diisocyanate**
KAYA İ., Kamaci M.
POLIMERY, vol.56, no.10, pp.721-733, 2011 (SCI-Expanded)
- CLXXIV. **A new kind of optical Mn(II) sensor with high selectivity: Melamine based poly(azomethine-urethane)**
KAYA İ., Yildirim M., Kamaci M.
SYNTHETIC METALS, vol.161, pp.2036-2040, 2011 (SCI-Expanded)
- CLXXV. **Synthesis and Characterization of the Polyaminophenol Derivatives Containing Thiophene in Side Chain: Thermal Degradation, Electrical Conductivity, Optical-Electrochemical, and Fluorescent Properties**
KAYA İ., AYDIN A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.121, no.5, pp.3028-3040, 2011 (SCI-Expanded)
- CLXXVI. **A New Schiff Base Epoxy Oligomer Resin: Synthesis, Characterization, and Thermal Decomposition Kinetics**
KAYA İ., DOĞAN F., GÜL M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.121, no.6, pp.3211-3222, 2011 (SCI-Expanded)
- CLXXVII. **Facile and regioselective synthesis of poly(5-hydroxyquinoline)**
Bilici A., DOĞAN F., Yildirim M., KAYA İ.
REACTIVE & FUNCTIONAL POLYMERS, vol.71, no.7, pp.675-683, 2011 (SCI-Expanded)
- CLXXVIII. **Synthesis and characterization of chelate polymers containing etheric diphenyl ring in the backbone: thermal, optical, electrochemical, and morphological properties**
KAYA İ., AYDIN A.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.22, no.6, pp.951-961, 2011 (SCI-Expanded)
- CLXXIX. **New Poly(azomethine-urethane)s Including Melamine Derivatives in the Main Chain: Synthesis and Thermal Characterization**
KAYA İ., Yildirim M., Kamaci M., Avci A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.120, no.5, pp.3027-3035, 2011 (SCI-Expanded)
- CLXXX. **Synthesis and Characterization of Imine Polymers Containing Aliphatic and Aromatic Groups and Some of Schiff Base-Metal Complexes**
KAYA İ., UYSAL S.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.120, no.6, pp.3325-3336, 2011 (SCI-Expanded)
- CLXXXI. **Oxidative synthesis of a novel polyphenol having pendant Schiff base group: Synthesis, characterization, non-isothermal decomposition kinetics**
DILEK D., DOĞAN F., Bilici A., KAYA İ.
THERMOCHIMICA ACTA, vol.518, pp.72-81, 2011 (SCI-Expanded)

- CLXXXII. **A comparative study of 9,9-bis(4-aminophenyl)fluorene polymers prepared by catalytic and non-catalytic oxidative polymerisation methods**
BİLİCİ A., KAYA İ., Yildirim M.
EUROPEAN POLYMER JOURNAL, vol.47, no.5, pp.1005-1017, 2011 (SCI-Expanded)
- CLXXXIII. **Synthesis and thermal characterization of novel poly(azomethine-urethane)s derived from azomethine containing phenol and polyphenol species**
KAYA İ., Yildirim M., Avci A., Kamaci M.
MACROMOLECULAR RESEARCH, vol.19, no.3, pp.286-293, 2011 (SCI-Expanded)
- CLXXXIV. **Azomethine-based phenol polymer: Synthesis, characterization and thermal study**
DOĞAN F., KAYA İ., Bilici A.
SYNTHETIC METALS, vol.161, pp.79-86, 2011 (SCI-Expanded)
- CLXXXV. **Synthesis and characterization of a novel kind soluble, conjugated, and fluorescent chelate polymer containing fluorene ring in the backbone: Optical, electrical, and electrochemical properties**
Yildirim M., KAYA İ.
SYNTHETIC METALS, vol.161, pp.13-22, 2011 (SCI-Expanded)
- CLXXXVI. **Peroxidase-Catalyzed Synthesis of Polyphenols Bearing Aldehyde Units**
BİLİCİ A., KAYA İ., Yildirim M.
DESIGNED MONOMERS AND POLYMERS, vol.14, no.4, pp.353-366, 2011 (SCI-Expanded)
- CLXXXVII. **A new approach to the Schiff base-substituted oligophenols: The electrochromic application of 2-[3-thienylmethylene]aminophenol based co-polythiophenes**
KAYA İ., Yildirim M., AYDIN A.
ORGANIC ELECTRONICS, vol.12, no.1, pp.210-218, 2011 (SCI-Expanded)
- CLXXXVIII. **Biosynthesis and Characterization of Organosoluble Conjugated Poly(2-aminofluorene) with the Pyrazine Bridged**
BİLİCİ A., KAYA İ., Yildirim M.
BIOMACROMOLECULES, vol.11, no.10, pp.2593-2601, 2010 (SCI-Expanded)
- CLXXXIX. **Synthesis and characterization of fluorescent graft fluorene-co-polyphenol derivatives: The effect of substituent on solubility, thermal stability, conductivity, optical and electrochemical properties**
KAYA İ., Yildirim M., AYDIN A., Senol D.
REACTIVE & FUNCTIONAL POLYMERS, vol.70, no.10, pp.815-826, 2010 (SCI-Expanded)
- CXC. **Thermal Decomposition Kinetics of Azomethine Oligomer and Its Some Metal Complexes**
DOĞAN F., KAYA İ., BİLİCİ A., Sacak M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.118, no.1, pp.547-556, 2010 (SCI-Expanded)
- CXCI. **Synthesis, characterization, and thermal degradation process of poly-4-[(4-hydroxy-2-methylphenyl)iminomethyl]-2,6-dimethylphenol**
KAYA İ., DOĞAN F.
POLIMERY, vol.55, no.9, pp.646-654, 2010 (SCI-Expanded)
- CXCII. **The influence of CaCO₃ filler component on thermal decomposition process of PP/LDPE/DAP ternary blend**
DOĞAN F., Sirin K., KAYA İ., BALCAN M.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.21, no.7, pp.512-519, 2010 (SCI-Expanded)
- CXCIII. **Thermal Decomposition Kinetics of Some Metal Complexes of 2,3-Hydroxyimino-4-phenyl-6-phenazo-1-thia-4,5-diaza-cyclohexa-5-diene**
DOĞAN F., Mercimek B., KAYA İ.
CHINESE JOURNAL OF CHEMISTRY, vol.28, no.7, pp.1114-1120, 2010 (SCI-Expanded)
- CXCIV. **Synthesis, Characterization, Conductivity, Band Gap, and Thermal Analysis of Poly-[(2-mercaptophenyl)iminomethyl]-2-naphthol and Its Polymer-Metal Complexes**
Kaya I.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.20, no.2, pp.369-379, 2010 (SCI-Expanded)
- CXCV. **Enzymatic polymerization of hydroxy-functionalized carbazole monomer**

BİLİCİ A., KAYA İ., Yildirim M., DOĞAN F.

JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, vol.64, pp.89-95, 2010 (SCI-Expanded)

- CXCVI. **Synthesis, characterization, thermal stability, conductivity, and band gaps of substitute oligo/polyamines or polyphenol**

KAYA İ., AYDIN A.

POLYMERS FOR ADVANCED TECHNOLOGIES, vol.21, no.5, pp.337-347, 2010 (SCI-Expanded)

- CXCVII. **Synthesis and characterization of fluorescent polyphenol species derived from methyl substituted aminopyridine based Schiff bases: The effect of substituent position on optical, electrical, electrochemical, and fluorescence properties**

KAYA İ., Yildirim M., AVCI A.

SYNTHETIC METALS, vol.160, pp.911-920, 2010 (SCI-Expanded)

- CXCVIII. **Synthesis of a Novel Fluorescent Schiff Base as a Possible Cu(II) Ion Selective Sensor**

Yildirim M., KAYA İ.

JOURNAL OF FLUORESCENCE, vol.20, no.3, pp.771-777, 2010 (SCI-Expanded)

- CXCIX. **Oxidative Polymerization of N(2)O(2) Type Schiff Base Monomer and Its Metal Complexes: Synthesis and Thermal, Optical and Electrochemical Properties**

Bilici A., KAYA İ., Sacak M.

JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.20, no.1, pp.124-133, 2010 (SCI-Expanded)

- CC. **Palladium(II) Complexes Containing 2,6-Bis(Imino)Pyridines: Synthesis, Characterization, Thermal Study, and Catalytic Activity in Suzuki Reactions**

DAYAN O., DOĞAN F., KAYA İ., Cetinkaya B.

SYNTHESIS AND REACTIVITY IN INORGANIC METAL-ORGANIC AND NANO-METAL CHEMISTRY, vol.40, no.5, pp.337-344, 2010 (SCI-Expanded)

- CCI. **Study on Synthesis, Characterization, Thermal Stability and Conductivity Properties of a New Conjugated Oligoazomethine and some of its Metal Complexes**

KAYA İ., BİLİCİ A., SACAK M.

JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.19, no.4, pp.443-453, 2009 (SCI-Expanded)

- CCII. **Synthesis, characterization and thermal study of some tetradentate Schiff base transition metal complexes**

DOĞAN F., Ulusoy M., ÖZTÜRK O., KAYA İ., SALİH B.

JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.98, no.3, pp.785-792, 2009 (SCI-Expanded)

- CCIII. **Soluble semi-conductive chelate polymers containing Cr(III) in the backbone: Synthesis, characterization, optical, electrochemical, and electrical properties**

Yildirim M., KAYA İ.

POLYMER, vol.50, no.24, pp.5653-5660, 2009 (SCI-Expanded)

- CCIV. **Preparation and Characterization of Sepiolite-Poly(ethyl methacrylate) and Poly(2-hydroxyethyl methacrylate) Nanocomposites**

Benlikaya R., Alkan M., KAYA İ.

POLYMER COMPOSITES, vol.30, no.11, pp.1585-1594, 2009 (SCI-Expanded)

- CCV. **The molecular structure of plasma polymerized thiophene and pyrrole thin films produced by double discharge technique**

Goktas H., Ince F. G., Iscan A., YILDIZ İ., Kurt M., KAYA İ.

SYNTHETIC METALS, vol.159, pp.2001-2008, 2009 (SCI-Expanded)

- CCVI. **A new conducting polymer of 2,5-bis(2-thienyl)-1H-(pyrrole) (SNS) containing carbazole subunit: Electrochemical, optical and electrochromic properties**

Koyuncu S., Zafer C., Sefer E., Koyuncu F. B., Demic S., Kaya İ., Ozdemir E., Icli S.

SYNTHETIC METALS, vol.159, pp.2013-2021, 2009 (SCI-Expanded)

- CCVII. **Electrochemical and optical properties of biphenyl bridged-dicarbazole oligomer films: Electropolymerization and electrochromism**

- KOYUNCU S., GÜLTEKİN B., ZAFER C., Bilgili H., Can M., Demic S., KAYA İ., Icli S.
ELECTROCHIMICA ACTA, vol.54, no.24, pp.5694-5702, 2009 (SCI-Expanded)
- CCVIII. **Synthesis, Characterization and Antimicrobial Properties of Oligomer and Monomer/Oligomer-Metal Complexes of 2-[(Pyridine-3-yl-methylene)amino]phenol**
KAYA İ., Emdir D., Sacak M.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.19, no.3, pp.286-297, 2009 (SCI-Expanded)
- CCIX. **Synthesis and Characterization of Imine-Coupled Polyphenols Containing Carbazole Units**
KAYA İ., KOYUNCU S.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.113, no.3, pp.1975-1985, 2009 (SCI-Expanded)
- CCX. **Synthesis, Characterization, and Kinetic of Thermal Degradation of Oligo-2-[(4-bromophenylimino)methyl]phenol and Oligomer-Metal Complexes**
KAYA İ., SOLGUNTEKİN A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.113, no.3, pp.1994-2007, 2009 (SCI-Expanded)
- CCXI. **Polystyrene functionalized carbazole and electrochromic device application**
Oral A., KOYUNCU S., KAYA İ.
SYNTHETIC METALS, vol.159, pp.1620-1627, 2009 (SCI-Expanded)
- CCXII. **Synthesis and characterization of graft copolymers of melamine: Thermal stability, electrical conductivity, and optical properties**
KAYA İ., Yildirim M.
SYNTHETIC METALS, vol.159, pp.1572-1582, 2009 (SCI-Expanded)
- CCXIII. **Non-isothermal degradation kinetics of poly (2,2'-dihydroxybiphenyl)**
DOĞAN F., KAYA İ., Bilici A.
POLYMER BULLETIN, vol.63, no.2, pp.267-282, 2009 (SCI-Expanded)
- CCXIV. **New conjugated azomethine oligomers obtained from bis-(hydroxyphenyl)methylenediamine via oxidative polycondensation and their complexes with metals**
KAYA İ., Bilici A., Sacak M.
SYNTHETIC METALS, vol.159, no.14, pp.1414-1421, 2009 (SCI-Expanded)
- CCXV. **SYNTHESIS, CHARACTERIZATION, THERMAL DEGRADATION AND ELECTRICAL CONDUCTIVITY OF OLIGO[2-(THIEN-2-YL-METHYLENE)AMINOPHENOL] AND OLIGOMER-METAL COMPLEXES**
KAYA İ., AYDIN A.
CHINESE JOURNAL OF POLYMER SCIENCE, vol.27, no.4, pp.465-477, 2009 (SCI-Expanded)
- CCXVI. **Electrochemical, optical and electrochromic properties of imine polymers containing thiophene and carbazole units**
Koyuncu S., Kaya İ., Koyuncu F. B., Özdemir E.
SYNTHETIC METALS, vol.159, pp.1034-1042, 2009 (SCI-Expanded)
- CCXVII. **Monomer/Polymer Schiff Base Copper(II) Complexes for Catalytic Oxidative Polymerization of 2,2 '-Dihydroxybiphenyl**
Bilici A., KAYA İ., DOĞAN F.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.47, no.12, pp.2977-2984, 2009 (SCI-Expanded)
- CCXVIII. **Schiff base-substituted polyphenol: synthesis, characterisation and non-isothermal degradation kinetics**
KAYA İ., DOĞAN F., Bilici A.
POLYMER INTERNATIONAL, vol.58, no.5, pp.570-578, 2009 (SCI-Expanded)
- CCXIX. **Synthesis and characterization of new polyphenols derived from o-dianisidine: The effect of substituent on solubility, thermal stability, and electrical conductivity, optical and electrochemical properties**
KAYA İ., Yildirim M., KAMACI M.
EUROPEAN POLYMER JOURNAL, vol.45, no.5, pp.1586-1598, 2009 (SCI-Expanded)
- CCXX. **Synthesis, Characterization, Conductivity, Band Gap, and Kinetic of Thermal Degradation of Poly-4-**

[(2-Mercaptophenyl) Imino Methyl] Phenol

Kaya İ., Baycan F., Doğan F.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.112, pp.1234-1243, 2009 (SCI-Expanded)

CCXXI. SYNTHESIS, CHARACTERIZATION AND THERMAL DEGRADATION OF OLIGO-2-[(4- IODOPHENYLIMINO)METHYL]PHENOL AND OLIGOMER-METAL COMPLEXES

KAYA İ., MORAL F., Ozdemir E.

BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA, vol.23, no.1, pp.55-62, 2009 (SCI-Expanded)

CCXXII. Thermal studies of Co(II), Ni(II) and Cu(II) complexes of N,N'-bis(3,5-Di-t-butylsalicylidene)ethylenediamine

DOĞAN F., ULUSOY M. S., ÖZTÜRK O. C., KAYA İ., SALİH B.

JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, vol.96, no.1, pp.267-276, 2009 (SCI-Expanded)

CCXXIII. SYNTHESIS, CHARACTERIZATION, THERMAL ANALYSIS, CONDUCTIVITY AND BAND GAPS OF OLIGO {4-[(2-HYDROXYL-1-NAPHTHYL)METHYLENE]-AMINOBENZOIC ACID}

KAYA İ., Bilici A.

CHINESE JOURNAL OF POLYMER SCIENCE, vol.27, no.2, pp.209-219, 2009 (SCI-Expanded)

CCXXIV. Syntheses, structures and properties of novel oligo(azomethine ether)s containing or not chlorine atoms in the main chain

KAYA İ., ÇULHAOĞLU S.

POLIMERY, vol.54, no.4, pp.266-274, 2009 (SCI-Expanded)

CCXXV. Synthesis, Characterization, Thermal Properties and Conductivity of Oligo-4-[(2-methoxyphenylimino)methyl]phenol

KAYA İ., KOÇA S.

IRANIAN POLYMER JOURNAL, vol.18, no.1, pp.25-35, 2009 (SCI-Expanded)

CCXXVI. Effect of CaCO₃ Filler Component on Solid State Decomposition Kinetic of PP/LDPE/CaCO₃ Composites

Sirin K., DOĞAN F., BALCAN M., KAYA İ.

JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.46, no.10, pp.949-958, 2009 (SCI-Expanded)

CCXXVII. Synthesis, characterization and electrochemical properties of poly-4-[1-(4-hydroxyphenyl)ethylideneamino]phenol

KAYA İ., Bilici A.

POLIMERY, vol.54, no.2, pp.106-113, 2009 (SCI-Expanded)

CCXXVIII. Synthesis and characterization of novel polyphenol species derived from bis(4-aminophenyl) ether: Substituent effects on thermal behavior, electrical conductivity, solubility, and optical band gap

KAYA İ., Yildirim M.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.110, no.1, pp.539-549, 2008 (SCI-Expanded)

CCXXIX. Synthesis, characterization and thermal degradation kinetics of polyazomethine-ester

Dogan F., KAYA İ., Ocakoglu K.

JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.85, no.10, pp.1010-1018, 2008 (SCI-Expanded)

CCXXX. Synthesis and changes of conductivities and thermal stabilities of 4,4'-oxybis [N-(3,4-Dihydroxybenzilidene) aniline] chelate polymers

KAYA İ., Yildirim M.

JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.18, no.3, pp.325-333, 2008 (SCI-Expanded)

CCXXXI. Schiff base substitute polyphenol and its metal complexes derived from o-vanillin with 2,3-diaminopyridine: synthesis, characterization, thermal, and conductivity properties

Kaya İ., Bilici A., Gül M.

POLYMERS FOR ADVANCED TECHNOLOGIES, vol.19, pp.1154-1163, 2008 (SCI-Expanded)

CCXXXII. SYNTHESIS, CHARACTERIZATION, THERMAL DEGRADATION AND ELECTRICAL CONDUCTIVITY OF POLY-4-[(PYRIDIN-2-YL-IMINO)METHYL] BENZENE-1,3-DIOL AND POLYMER-METAL COMPLEXES

KAYA İ., OKSUZGULMEZ S., GUZEL H.

- BULLETIN OF THE CHEMICAL SOCIETY OF ETHIOPIA, vol.22, no.2, pp.237-246, 2008 (SCI-Expanded)
- CCXXXIII. **Synthesis, characterization, and thermal degradation of oligo-2-[(pyridin-4-yl-methyleneamino)pyridine-3-ol and oligomer-metal complexes**
KAYA İ., GÜL M.
POLYMER-KOREA, vol.32, no.4, pp.295-304, 2008 (SCI-Expanded)
- CCXXXIV. **Synthesis, characterization, thermal stability, conductivity and band gaps of monomer and oligo-4-[(thien-2-yl-methylene)amino] phenol**
KAYA İ., AYDIN A.
E-POLYMERS, 2008 (SCI-Expanded)
- CCXXXV. **Synthesis, characterization, and thermal degradation kinetics of poly(decamethylene 2-oxoglutarate)**
DOĞAN F., AKAT H., BALCAN M., KAYA İ., Yurekli M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.108, no.4, pp.2328-2336, 2008 (SCI-Expanded)
- CCXXXVI. **Synthesis, characterization, thermal degradation and electrical conductivity of oligo[2-(2-hydroxyphenyliminomethylbenzylidene)aminophenol] and oligomer-metal complexes**
KAYA İ., Culhaoglu S.
CHINESE JOURNAL OF POLYMER SCIENCE, vol.26, no.2, pp.131-143, 2008 (SCI-Expanded)
- CCXXXVII. **Electrochemical and optical properties of novel donor-acceptor thiophene-perylene-thiophene polymers**
Koyuncu S., Kus M., Demic S., Kaya İ., Özdemir E., Icli S.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.46, no.6, pp.1974-1989, 2008 (SCI-Expanded)
- CCXXXVIII. **The oxidative polycondensation of 2-[(4-pyridylmethylene)-imino]phenol by molecular O₂ in alkaline medium: Synthesis and characterization**
Demir H. O., KAYA İ., Sacak M.
POLYMER BULLETIN, vol.60, no.1, pp.37-48, 2008 (SCI-Expanded)
- CCXXXIX. **Synthesis and characterization of novel polyazomethines containing perylene units**
KAYA İ., KOYUNCU S., Culhaoglu S.
POLYMER, vol.49, no.3, pp.703-714, 2008 (SCI-Expanded)
- CCXL. **Synthesis, characterization and thermal degradation kinetics of poly(imino isophthaloyl imino (2,4,8,10-tetraoxoaspiro [5,5] undekan-3,9-dipropylene))**
Dogan F., AKAT H., KAYA İ.
CHINESE JOURNAL OF POLYMER SCIENCE, vol.26, no.1, pp.47-53, 2008 (SCI-Expanded)
- CCXLI. **Synthesis, characterization, and kinetic study of functional polystyrenes**
Dogan F., Kaya I., Dayan O., Ozdemir E.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.106, no.5, pp.3454-3460, 2007 (SCI-Expanded)
- CCXLII. **Synthesis, characterization, thermal stability, conductivity, and band gap of a new aromatic polyether containing an azomethine as a side**
Kaya I., Yildirim M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.106, no.4, pp.2282-2289, 2007 (SCI-Expanded)
- CCXLIII. **Synthesis, characterization and antimicrobial properties of 4-[(4-hydroxybenzylidene) amino] phenol and its polymer**
Kaya I., CULHAOGLU S., ŞENOL D.
CHINESE JOURNAL OF POLYMER SCIENCE, vol.25, no.5, pp.461-472, 2007 (SCI-Expanded)
- CCXLIV. **Synthesis, characterization, conductivity, band gap and thermal analysis of poly-2-[(4-mercaptophenyl) imino methyl] phenol and some of its polymer-metal complexes**
Kaya I., Baycan F.
SYNTHETIC METALS, vol.157, pp.659-669, 2007 (SCI-Expanded)
- CCXLV. **Synthesis, characterization, and thermal stability of azomethine oligomer and its metal complexes**
Kaya I., Bilici A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.105, no.3, pp.1356-1365, 2007 (SCI-Expanded)
- CCXLVI. **Synthesis, characterization, thermal analysis, and band gap of oligo-2-methoxy-6-[(4-methylphenyl)imino]methylphenol**

- Kaya I., Bilici A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.104, no.5, pp.3417-3426, 2007 (SCI-Expanded)
- CCXLVII. **Synthesis and characterization of oligo-4-[(pyridin-3-ylimino)methyl]phenol**
Kaya I., CULHAOGLU S., SENOL D.
CHEMICAL PAPERS, vol.61, no.3, pp.199-205, 2007 (SCI-Expanded)
- CCXLVIII. **Study of thermal degradation products of poly [2-(3-mesityl-3-methylcyclobutyl)-2-ketoethylmetracylate]**
İLTER Z., Kaya I., EROL I., Yildiz H. I., AHMEDZADE M.
JOURNAL OF POLYMER ENGINEERING, vol.27, no.3, pp.219-232, 2007 (SCI-Expanded)
- CCXLIX. **Synthesis, characterization and thermal degradation oligomer and monomer/oligomer metal complex compounds of 2-methylquinolin-8-ol**
Kaya I., CETINER A., SAKAK M.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.44, pp.463-468, 2007 (SCI-Expanded)
- CCL. **Thermal stability, conductivity, and band gaps of oligo-2-[(phenylimino) methyl] phenol and oligomer-metal complexes**
Kaya I., Koyuncu S.
IRANIAN POLYMER JOURNAL, vol.16, no.4, pp.261-270, 2007 (SCI-Expanded)
- CCLI. **Kinetic of thermal degradation of poly(isobornyl methacrylate)**
Dogan F., Kaya I., YUREKLI M.
CATALYSIS LETTERS, vol.114, pp.49-54, 2007 (SCI-Expanded)
- CCLII. **Synthesis and characterization of oligo-2-[(2-hydroxymethylphenylimino) methyl] phenol and oligo-2-[(2-hydroxymethylphenylimino) methyl]-5-bromo-phenol**
Kaya I., ERÇAĞ A., ÇULHAOĞLU S.
TURKISH JOURNAL OF CHEMISTRY, vol.31, no.1, pp.55-63, 2007 (SCI-Expanded)
- CCLIII. **Studies on thermal degradation of oligo-2-[(4-morpholin-4-yl-phenyl)imino methyl] phenol and oligomer-metal complex compounds**
DOĞAN F., KAYA İ.
DESIGNED MONOMERS AND POLYMERS, vol.10, no.6, pp.527-542, 2007 (SCI-Expanded)
- CCLIV. **Thermodynamic properties of poly(2-[3-(6-tetralino)-3-methyl-1-cyclobutyl]-2-hydroxy ethyl methacrylate) and poly[2-(3-mesityl-3-methyl-1-cyclobutyl)-2-oxoethyl methacrylate]**
İLTER Z., Kaya I., ERCAN S.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.44, no.1, pp.21-29, 2007 (SCI-Expanded)
- CCLV. **Synthesis, characterization, thermal stability and electrochemical properties of poly-4-[(2-methylphenyl)iminomethyl]phenol**
Kaya I., Yildirim M.
EUROPEAN POLYMER JOURNAL, vol.43, no.1, pp.127-138, 2007 (SCI-Expanded)
- CCLVI. **Syntheses, structures, electric conduction, electrochemical properties and antimicrobial activity of azomethine monomer and oligomer based on 4-hydroxybenzaldehyde and 2-aminopyridine**
Kaya I., Bilici A.
POLIMERY, vol.52, pp.827-835, 2007 (SCI-Expanded)
- CCLVII. **Synthesis, characterization, and antimicrobial properties of oligo-4-[(pyridine-3-yl-methylene) amino] phenol**
Kaya I., Bilici A., SAKAK M.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.102, no.4, pp.3327-3333, 2006 (SCI-Expanded)
- CCLVIII. **Conductivity and band gap of oligo-2-[(4-fluorophenyl) imino methylene] phenol and some of its oligomer-metal complexes**
Kaya İ., Koyuncu S., Senol D.
EUROPEAN POLYMER JOURNAL, vol.42, no.11, pp.3140-3144, 2006 (SCI-Expanded)
- CCLIX. **Synthesis, characterization, and thermal degradation of oligo-2-(morpholinoiminomethyl)phenol**

and its Pb(II) complex compound

Kaya I., Bilici A.

JOURNAL OF APPLIED POLYMER SCIENCE, vol.102, no.4, pp.3795-3804, 2006 (SCI-Expanded)

- CCLX. **Synthesis, characterization, thermal degradation and electrochemical properties of oligo-4-m-tolylazomethinephenol**
Kaya I., BAYRAKLI Y.
CHINESE JOURNAL OF POLYMER SCIENCE, vol.24, no.6, pp.647-656, 2006 (SCI-Expanded)
- CCLXI. **Synthesis and characterization of a pyridine-containing Schiff base oligomer**
Demir H. O., Kaya I., SACAK M.
RUSSIAN CHEMICAL BULLETIN, vol.55, no.10, pp.1852-1855, 2006 (SCI-Expanded)
- CCLXII. **Synthesis, characterization, conductivity and thermal degradation of oligo-2-[(4-morpholin-4-yl-phenyl)imino]methylphenol and its oligomer-metal complex compounds**
Kaya I., Culhaoglu S., GÜL M.
SYNTHETIC METALS, vol.156, pp.1123-1132, 2006 (SCI-Expanded)
- CCLXIII. **Conductivity and band gap of oligo-2-[(4-chlorophenyl) imino methylene] phenol and its oligomer-metal complexes**
Kaya I., Koyuncu S.
MATERIALS LETTERS, vol.60, no.15, pp.1922-1926, 2006 (SCI-Expanded)
- CCLXIV. **Synthesis, characterization, and thermodynamic properties of poly(3-mesityl-2-hydroxypropyl methacrylate)**
Acikses A., Kaya I., Horoz G.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.101, no.1, pp.101-109, 2006 (SCI-Expanded)
- CCLXV. **The oxidative polycondensation of 4-[(Phenylimino)methyl] phenol using NaOCl, air oxygen, and H₂O₂ at alkaline and neutral medium: Synthesis and characterization**
Kaya I., Karayigitler H., Ozdemir E.
INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION, vol.11, no.4, pp.271-286, 2006 (SCI-Expanded)
- CCLXVI. **Synthesis, characterization, optimization reaction conditions, and molecular weight distribution of poly(4-(4-nitrobenzylideneamino)phenol)**
Kaya I., CULHAOGLU S.
IRANIAN POLYMER JOURNAL, vol.15, no.6, pp.487-495, 2006 (SCI-Expanded)
- CCLXVII. **Synthesis, characterization, thermal stability, conductivity and band gap of oligo-4-[(2-hydroxybenzylidene)amino]benzoic acid**
Kaya I., BILICI A.
SYNTHETIC METALS, vol.156, pp.736-744, 2006 (SCI-Expanded)
- CCLXVIII. **Synthesis, characterization and thermal degradation of oligo-2-[(4-hydroxyphenyl) imino methyl]-1-naphthol and oligomer-metal complexes**
Kaya I., BILICI A.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.43, pp.719-733, 2006 (SCI-Expanded)
- CCLXIX. **Synthesis, characterization and thermodynamic properties of poly(3-mesityl-2-hydroxypropyl methacrylate-co-N-vinyl-2-pyrrolidone)**
Acikses A., Kaya I., Sezek U., Kirilmis C.
POLYMER, vol.46, no.25, pp.11322-11329, 2005 (SCI-Expanded)
- CCLXX. **The oxidative polycondensation of benzylidene-4'-hydroxyaniline using air O₂, NaOCl and H₂O₂: Synthesis and characterization**
Kaya I., Culhaoglu S.
JOURNAL OF POLYMER RESEARCH, vol.12, no.2, pp.113-119, 2005 (SCI-Expanded)
- CCLXXI. **Investigation of thermal behavior of phenol-wood condensation product**
Alma M., Kaya I., Acemioglu B.
JOURNAL OF POLYMER ENGINEERING, vol.25, no.2, pp.165-173, 2005 (SCI-Expanded)

- CCLXXII. **Synthesis, characterization, and thermal degradation of oligo-2-[(4-chlorophenyl) imino methylene] phenol and its oligomer-metal complexes**
Kaya I., Kizilkaya B., Ozdemir E.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.44, no.7, pp.1307-1322, 2005 (SCI-Expanded)
- CCLXXIII. **Investigation of thermodynamic properties of PIBMA-PVC (50%/50%) and P-4-t-BS-PVC (50%/50%) blends systems by inverse gas chromatography**
Kaya I., Senol D.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.44, no.5, pp.981-992, 2005 (SCI-Expanded)
- CCLXXIV. **Synthesis and characterization of oligo-salicylidene-3-amino-1,2,4-triazole and oligo-2-hydroxy naphthalidene-3-amino-1,2,4-triazole**
Ercag A., Kaya I., Senol D., Koyuncu S.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.44, no.2, pp.265-274, 2005 (SCI-Expanded)
- CCLXXV. **Synthesis, characterization, and optimum reaction conditions of oligo-3-aminopyridine and its Schiff base oligomer**
Kaya I., Gulel R.
INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION, vol.10, pp.109-122, 2005 (SCI-Expanded)
- CCLXXVI. **Synthesis, characterization and optimum reaction conditions of oligo-N, N '-bis (2-hydroxy-1-naphthalidene) thiosemicarbazone**
Kaya I.
JOURNAL OF POLYMER RESEARCH-TAIWAN, vol.11, no.3, pp.175-180, 2004 (SCI-Expanded)
- CCLXXVII. **Synthesis, characterization and thermal degradation of oligo-2-[(4-fluorophenyl) imino methylene] phenol and some of its oligomer-metal complexes**
Kaya I., Gul M.
EUROPEAN POLYMER JOURNAL, vol.40, no.9, pp.2025-2032, 2004 (SCI-Expanded)
- CCLXXVIII. **Synthesis, characterization, and optimum reaction conditions of oligo-2-[(pyridine-2-yl-methylene) amino] phenol**
Kaya I., Moral F., Erdener D.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.42, no.11, pp.2717-2724, 2004 (SCI-Expanded)
- CCLXXIX. **Potent antibacterial activity of oligo-3-aminopyridine against Staphylococcus aureus and Enterococcus faecalis**
Akgul C., Kaya I.
INDIAN JOURNAL OF BIOCHEMISTRY & BIOPHYSICS, vol.41, pp.120-122, 2004 (SCI-Expanded)
- CCLXXX. **Synthesis, characterization and optimum reaction conditions of oligo-2-amino-3-hydroxypyridine and its Schiff base oligomer**
Kaya I., Koca S.
POLYMER, vol.45, no.6, pp.1743-1753, 2004 (SCI-Expanded)
- CCLXXXI. **Synthesis, characterization and anti-microbial activity of oligo-N-2-aminopyridinylsalicylaldimine and some oligomer-metal complexes**
Kaya I., Cihangiroglu N.
JOURNAL OF POLYMER RESEARCH, vol.11, no.1, pp.37-42, 2004 (SCI-Expanded)
- CCLXXXII. **Study of changes in polymer-probe interactions with stabilization temperature of a column contained polyacrylonitrile by using inverse gas chromatography**
Kaya I., Senol D.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.43, no.1, pp.273-283, 2004 (SCI-Expanded)
- CCLXXXIII. **Synthesis, characterization, and optimum reaction conditions of oligo-betizylidene-3 '-hydroxyaniline**
Kaya I.
INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION, vol.9, pp.137-151, 2004 (SCI-Expanded)

- CLXXXIV. **Determination of poly[(2-phenyl-1,3-dioxolane-4-yl) methyl methacrylate-co-glycidyl methacrylate]-probe interactions by inverse gas chromatography**
 Ilter Z., Kaya I., Acikses A.
 POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.43, no.1, pp.229-243, 2004 (SCI-Expanded)
- CCLXXXV. **Synthesis, characterization, and thermal properties of oligo-2-hydroxyphenylbenzaldimine**
 Kaya I., Senol D., Koyuncu S.
 POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.43, no.4, pp.1029-1039, 2004 (SCI-Expanded)
- CLXXXVI. **The synthesis and characterization of oligo-N-4-aminopyridine, oligo-2-[(pyridine-4-yl-imino) methyl] phenol and its some oligomer-metal complexes**
 Kaya I., Koyuncu S.
 POLYMER, vol.44, no.24, pp.7299-7309, 2003 (SCI-Expanded)
- CLXXXVII. **Synthesis and characterization of oligo-2-hydroxy-1-naphthaldehyde and its Schiff base oligomers**
 Kaya I., Senol D.
 JOURNAL OF APPLIED POLYMER SCIENCE, vol.90, no.2, pp.442-450, 2003 (SCI-Expanded)
- LXXXVIII. **Study of some thermodynamic properties of poly[(2-phenyl-1,3-dioxolane-4-yl)methyl methacrylate-co-butyl methacrylate] by inverse gas chromatography**
 Acikses A., Kaya I., Ilter Z.
 POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.42, no.3, pp.431-443, 2003 (SCI-Expanded)
- CLXXXIX. **Thermodynamic interactions and characterisation of poly[(glycidyl methacrylate-co-methyl, ethyl, butyl) methacrylate] by inverse gas chromatography**
 Kaya I., Ilter Z., Senol D.
 POLYMER, vol.43, no.24, pp.6455-6463, 2002 (SCI-Expanded)
- CCXC. **Synthesis of oligo-ortho-azomethinephenol and its oligomer-metal complexes: Characterization and application as anti-microbial agents**
 Kaya I., Vilayetoglu A., Topak H.
 JOURNAL OF APPLIED POLYMER SCIENCE, vol.85, no.9, pp.2004-2013, 2002 (SCI-Expanded)
- CCXCI. **Synthesis and characterization of oligosalicylaldehyde-graft-oligoaniline and its beginning oligomers**
 Kaya I., Vilayetoglu A.
 JOURNAL OF APPLIED POLYMER SCIENCE, vol.85, no.1, pp.218-226, 2002 (SCI-Expanded)
- CCXCII. **The synthesis and characterization of new oligo(polyether)s with Schiff base type**
 Kaya I., Yildiz M., Koyuncu S.
 SYNTHETIC METALS, vol.128, no.3, pp.267-272, 2002 (SCI-Expanded)
- CCXCIII. **The synthesis and characterisation of planar oligophenol with Schiff base substitute**
 Kaya I., Demir H., Vilayetoglu A.
 SYNTHETIC METALS, vol.126, pp.183-191, 2002 (SCI-Expanded)
- CCXCIV. **Determination of thermodynamic properties of poly [(2-phenyl-1,3-dioxolane-4-yl)methyl methacrylate] by inverse gas chromatography**
 Ilter Z., Kaya I., Acikses A.
 JOURNAL OF POLYMER ENGINEERING, vol.22, no.1, pp.45-57, 2002 (SCI-Expanded)
- CCXCV. **3,4-dichlorobenzyl methacrylate and ethyl methacrylate system: monomer reactivity ratios and determination of thermodynamic properties at infinite dilution by using inverse gas chromatography**
 Demirelli K., Kaya I., Coskun M.
 POLYMER, vol.42, no.12, pp.5181-5188, 2001 (SCI-Expanded)
- CCXCVI. **The synthesis and properties of oligosalicylaldehyde and its Schiff base oligomers**
 Kaya I., Vilayetoglu A., Mart H.
 POLYMER, vol.42, no.11, pp.4859-4865, 2001 (SCI-Expanded)
- CCXCVII. **Study of some thermodynamic properties of poly (3,4-di-chloro benzyl methacrylate-co-ethyl methacrylate) using inverse gas chromatography**
 Kaya I., Demirelli K.
 JOURNAL OF POLYMER ENGINEERING, vol.21, no.1, pp.1-22, 2001 (SCI-Expanded)
- CCXCVIII. **Determination of the thermodynamic properties of poly [2-(3-phenyl-3-methylcyclobutyl)-2-**

- hydroxyethyl methacrylate-co-methacrylic acid] at infinite dilution by inverse gas chromatography**
Kaya I., Demirelli K.
TURKISH JOURNAL OF CHEMISTRY, vol.25, no.1, pp.11-18, 2001 (SCI-Expanded)
- CCXCIX. **Determination of thermodynamic properties of poly (2-hydroxy ethyl methacrylate) at infinite dilution by using inverse gas chromatography**
DEMIRELLI K., Kaya I., Ozdemir E.
JOURNAL OF POLYMER ENGINEERING, vol.20, no.5, pp.351-363, 2000 (SCI-Expanded)
- CCC. **Determination of thermodynamic properties of poly[2-(3-methyl-3-phenylcyclobutyl)-2-hydroxyethylmethacrylate] and its copolymers at infinite dilution using inverse gas chromatography**
Kaya I., Demirelli K.
POLYMER, vol.41, no.8, pp.2855-2863, 2000 (SCI-Expanded)
- CCCI. **Determination of thermodynamic properties of poly (4-tert-butylstyrene) by inverse gas chromatography**
Kaya I., Mart H.
JOURNAL OF POLYMER ENGINEERING, vol.19, no.3, pp.197-208, 1999 (SCI-Expanded)
- CCCII. **Thermodynamic interactions and characterisation of poly(isobornyl methacrylate) by inverse gas chromatography at various temperatures**
KAYA İ., ÖZDEMİR E.
POLYMER, vol.40, no.9, pp.2405-2410, 1999 (SCI-Expanded)
- CCCIII. **A study of thermodynamic properties of poly [2- (3-mesityl-3-methyl cyclobutyl)-2-hydroxyethyl methacrylate] using inverse gas chromatography**
Kaya İ., Demirelli K.
TURKISH JOURNAL OF CHEMISTRY, vol.23, no.2, pp.171-179, 1999 (SCI-Expanded)
- CCCIV. **Determination of thermodynamic interactions of the PVC-PMMA blend system by inverse gas chromatography**
Kaya İ.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, vol.38, no.2, pp.385-396, 1999 (SCI-Expanded)
- CCCV. **Study of thermodynamic interaction parameters of poly(p-naphthalene-2(beta) sulfonyl styrene) using inverse gas chromatography**
Kaya İ., Demirelli K.
JOURNAL OF POLYMER ENGINEERING, vol.19, no.1, pp.61-73, 1999 (SCI-Expanded)
- CCCVI. **Thermodynamic parameters and characterization of poly(methyl methacrylate) with some probes using inverse gas chromatography**
KAYA İ., Özdemir E., Coşkun M.
Journal of Macromolecular Science - Pure and Applied Chemistry, vol.33, pp.37-47, 1996 (SCI-Expanded)
- CCCVII. **DETERMINATION OF THERMODYNAMIC PARAMETERS OF POLY (VINYL-CHLORIDE) USING INVERSE GAS-CHROMATOGRAPHY**
KAYA İ., CEYLAN K., ÖZDEMİR E.
TURKISH JOURNAL OF CHEMISTRY, vol.19, no.2, pp.94-100, 1995 (SCI-Expanded)
- CCCVIII. **THERMODYNAMIC INTERACTIONS AND CHARACTERIZATION OF POLY(ETHYL METHACRYLATE) BY INVERSE GAS-CHROMATOGRAPHY**
KAYA I., OZDEMIR E.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, pp.377-383, 1995 (SCI-Expanded)
- CCCIX. **ESTIMATION OF SOLUBILITY PARAMETERS OF POLY(METHYL METHACRYLATE) AND DERIVATIVES BY INVERSE GAS-CHROMATOGRAPHY**
KAYA İ., ÖZDEMİR E.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, pp.369-376, 1995 (SCI-Expanded)
- CCCX. **INVESTIGATION OF CHANGES IN POLYMER-PROBE INTERACTIONS WITH STABILIZATION TEMPERATURE OF A COLUMN CONTAINED ACRYLONITRILE-METHYLACRYLATE-SODIUM-2-ACRYLAMIDO-2-METHYL PROPANE-1-SULFONATE COPOLYMER BY INVERSE GAS-CHROMATOGRAPHY**
COSKUN M., KAYA İ., ÖZDEMİR E.

- JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, pp.425-433, 1993 (SCI-Expanded)
- CCCXI. **Estimation of glass transition temperature and heat of adsorption of poly (vinyl chloride) by inverse phase gas chromatography**
KAYA İ., CEYLAN K.
TURKISH JOURNAL OF CHEMISTRY, vol.7, pp.1-6, 1993 (SCI-Expanded)

Articles Published in Other Journals

- I. **Electrical Characteristics of Cadmium Sulfide/4-Amino-2-Methyl-Quinoline Heterojunction Structure**
Demir R., Kaya İ.
Celal Bayar Üniversitesi Fen Bilimleri Dergisi, vol.20, no.1, pp.23-28, 2024 (Peer-Reviewed Journal)
- II. **A kinetic evaluation for PANSAs doped low density polyethylene blends**
DOĞAN F., BİLİCİ A., KAYA İ., ŞİRİN M.
Celal Bayar University Journal of Science, vol.15, no.4, pp.343-349, 2019 (Peer-Reviewed Journal)
- III. **Synthesis and Characterization and Thermal Decomposition Kinetics of Poly(quinoline)-Copper Composite**
BİLİCİ A., TEZEL R. N., KAYA İ., DOĞAN F.
Celal Bayar University Journal of Science, vol.14, no.2, pp.187-193, 2018 (Peer-Reviewed Journal)
- IV. **Synthesis, characterization and electrochemical properties of poly (phenoxy-imine)s containing carbazole unit**
Kaya İ., Copur S., Karaer H.
INTERNATIONAL JOURNAL OF INDUSTRIAL CHEMISTRY, vol.8, no.3, pp.329-343, 2017 (ESCI)
- V. **Solid State Decomposition Kinetics of Green Light Emitting Polyphenol Nanoparticles**
DOĞAN F., KAYA İ.
MATERIALS FOCUS, vol.5, no.1, pp.5-10, 2016 (Peer-Reviewed Journal)
- VI. **Thermal Degradation Kinetics of Poly(2,7-dihydroxynaphthalene)**
DOĞAN F., KAYA İ.
MATERIALS FOCUS, vol.4, no.3, pp.238-244, 2015 (Peer-Reviewed Journal)
- VII. **Determination of thermodynamic properties of poly(cyclohexyl methacrylate) by inverse gas chromatography**
Kaya İ., Yiğit Pala Ç.
CHINESE JOURNAL OF CHROMATOGRAPHY, vol.32, no.7, pp.746-752, 2014 (Scopus)
- VIII. **Thermal decomposition kinetics of poly (5-hydroxyquinoline) synthesized by oxidative polycondensation**
Doğan F., Kaya İ.
MATERIALS FOCUS, vol.3, no.4, pp.310-317, 2014 (Peer-Reviewed Journal)
- IX. **Determination of Anti Microbial Properties of Oligo-2-hydroxy-1-naftaldehyde**
Yapıcı B., Kaya İ., Şenol Bahçeci D.
Drug Metabolism and Drug Interactions, vol.21, no.2, pp.131-138, 2005 (Peer-Reviewed Journal)
- X. **Synthesis, characterization and thermal properties of oligo-salicylic acid**
Kaya İ., Bagana D.
Anadolu University Journal of Science and Technology, vol.5, no.1, pp.137-143, 2004 (Peer-Reviewed Journal)
- XI. **İnvers Gaz Kromatografisi ile alkil metakrilat polimerlerinin çözünürlük ve etkileşim parametrelerinin incelenmesi**
KAYA İ., ÖZDEMİR E., COŞKUN M.
TÜRK KİMYA DERGİSİ, vol.20, pp.11-19, 1996 (Peer-Reviewed Journal)

Books & Book Chapters

- I. **The synthesis and characterization of oligo-2-[(pyridine-2-yl-methylene) amino] pyridine-3-ol**
KAYA İ., ÇULHAOĞLU S.
in: Polymer Research Developments, , Editor, NOVA Science Publishers Inc. , New York, pp.75-90, 2005

Refereed Congress / Symposium Publications in Proceedings

- I. **Poli(4,4'-diamino-difenil sülfon) bileşiğinin sentezi, ince filmlerinin hazırlanması ve diyod uygulaması**
Demir R., Kaya İ., Çulhaoğlu S.
Ases II. International Bandırma Scientific Studies Conference, Balıkesir, Turkey, 15 - 17 March 2024, pp.498-507
- II. **Synthesis And Characterization Of Poly(Diaminopyridine) Containing Bromine By Enzyme-Catalyzed Polymerization**
Karacan Yeldir E., Kolcu F., Kaya İ.
8. INTERNATIONAL SCIENCES AND INNOVATION CONGRESS, Ankara, Turkey, 14 - 15 October 2023, pp.156-168
- III. **Investigation of thermal, optical and electrochemical properties of product obtained via oxidative polymerization of 4,4'-thiodianiline in aqueous alkaline medium**
Karacan E., Kaya İ.
3rd International Conference on Applied Engineering and Natural Sciences, Konya, Turkey, 20 - 23 July 2022, pp.1682-1689
- IV. **Eter bağı içeren aromatik diamin bileşiğinin oksidatif polimerizasyonla polimerinin sentezi ve termal karakterizasyonu**
Karacan E., Kaya İ.
Uluslararası Katılımlı VIII. Polimer Bilim ve Teknoloji Kongresi, Malatya, Turkey, 21 - 23 June 2022, pp.32
- V. **Piren Birimi İçeren Azometin Oligomerinin Sentezi ve Termal Özellikleri**
Karacan E., Kaya İ.
33. Ulusal Kimya Kongresi, Tekirdağ, Turkey, 7 - 09 October 2021, pp.43
- VI. **Adsorption isotherms and thermodynamic studies of methylene blue onto coconut shell based activated carbon prepared by ZnCl₂**
KARAER YAĞMUR H., KAYA İ.
6th International Conference on Materials Science and Nanotechnology for Next Generation (MSNG2019), 16 - 18 October 2019, pp.75-80
- VII. **Kinetics study for the adsorption of methylene blue on coconut shell based activated carbon prepared by ZnCl₂**
KARAER YAĞMUR H., KAYA İ.
The International Conference on Materials Science, Mechanical and Automotive Engineering and Technology (IMSMATEC-2019), 21 - 23 June 2019, pp.585-589
- VIII. **Synthesis and characterization of thermally resistant polyurethane based chitosan**
KARAER YAĞMUR H., KAYA İ.
International Turkic World Congress on Science and Engineering, 17 - 18 June 2019, pp.350-360
- IX. **Preparation and characterization of activated carbon produced from Coconut Shell by ZnCl₂ and KOH activation**
KARAER YAĞMUR H., KAYA İ.
International Turkic World Congress on Science and Engineering, 17 - 18 June 2019, pp.341-349
- X. **Piridin birimi içeren imin polimerlerinin sentezi, karakterizasyonu ve termal özellikleri**
KARAER YAĞMUR H., KAYA İ.
I. ULUSLARARASI BATTALGAZİMULTİDİSİPLİNER ÇALIŞMALAR KONGRESİ, 7 - 09 December 2018, pp.1249-1264
- XI. **Metil ve pirimidin birimleri içeren imin polimerlerinin sentezi, karakterizasyonu ve termal özelliklerinin belirlenmesi**
KARAER YAĞMUR H., KAYA İ.
III. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, 20 - 22 June 2018, vol.6, pp.3729-3741

- XII. **Poli(üretan)-poli(piról) kompozitlerinin hazırlanması, yapı ve fiziksel özelliklerinin incelenmesi**
KARAER YAĞMUR H., KAYA İ.
III. ULUSLARARASI MESLEKİ VE TEKNİK BİLİMLER KONGRESİ, 2 - 22 June 2018, vol.6, pp.3719-3728
- XIII. **Synthesis, characterization and application studies of frameworks that include imine and etheric based secondary building units**
İriş R. E., Kaya İ.
International Congress on Fundamental and Applied Sciences, Skopje, Macedonia, 18 - 22 June 2018, pp.176
- XIV. **Electrical characteristics of ZnO and CdS films covered with 8-Hydroxyquinoline**
DEMİR R., KAYA İ.
4th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2017), 4 - 08 October 2017
- XV. **Humidity properties of Schiff base polymers**
DEMİR R., KAYA İ.
4th INTERNATIONAL CONFERENCE ON COMPUTATIONAL AND EXPERIMENTAL SCIENCE AND ENGINEERING (ICCESEN-2017), 4 - 08 October 2017
- XVI. **Thermal Properties of Semi Conductive High Density Polyethylene HDPE Matrix**
Doğan F., Temizkan K., Kaya İ.
2nd INTERNATIONAL TURKIC WORLD CONFERENCE ON CHEMICAL SCIENCES AND TECHNOLOGIES, Sarajevo, Bosnia And Herzegovina, 26 October 2016, pp.270-271
- XVII. **Oxidation of Hydroxyl Functionalized Schiff Base Monomer by NaOCl in Alkaline Medium**
BİLİCİ A., Yüksel E., KAYA İ.
2nd INTERNATIONAL TURKIC WORLD CONFERENCE ON CHEMICAL SCIENCES AND TECHNOLOGIES, Skopje, Macedonia, 26 - 30 October 2016, pp.142
- XVIII. **oligo-2-hidroksi-1-naftaldehitin Schiff bazı oligomerlerinin sentezi ve karakterizasyonu**
KAYA İ., BAHÇECİ D.
XVI. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2016, pp.787
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KAYA İ., BAHÇECİ D.
XV. Ulusal Kimya Kongresi, İstanbul, Turkey, 4 - 07 September 2016, pp.23
- XX. **Synthesis and Characterization of 2 amino 4 methyl phenol Oligomer Obtained by Enzymatic Oxidation**
BİLİCİ A., Coğal Y., KAYA İ.
2 nd International Conference on Organic Electronic Material Technologies, 17 - 19 May 2016
- XXI. **Oxidative Polymerization of a Phenolic Monomer with Azomethine Moiety Synthesis and Characterization**
BİLİCİ A., YÜKSEL E., KAYA İ.
2 nd International Conference on Organic Electronic Material Technologies, 17 - 19 May 2016
- XXII. **Synthesis and characterization of poly phenols containing naphthalene unit**
YENER F. Z., KAYA İ.
2nd International Conference on Organic Electronic Material Technologies (OEMT2016), 17 - 19 May 2016, pp.110
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KAYA İ., KOLCU F., SATILMIŞ S.
2nd International Conference on Organic Electronic Material Technologies (OEMT2016), 17 - 19 May 2016, pp.258
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Doğan F., Temizkan K., Kaya İ.
2 nd International Conference on Organic Electronic Material Technologies, Çanakkale, Turkey, 17 - 19 May 2016, pp.147-153
- XXV. **Thermokinetic properties of semiconductive polypropylene matrix**
Doğan F., Temizkan K., Kaya İ.
2 nd International Conference on Organic Electronic Material Technologies, Çanakkale, Turkey, 17 - 19 May 2016,

pp.154-160

- XXVI. **Synthesis and Characterization of Polymers Containing Phenothiazine Unit**
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2nd International Conference on Organic Electronic Material Technologies, Çanakkale, Turkey, 17 - 19 May 2016, pp.208
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DOĞAN F., BİLİCİ A., KAYA İ.
2st International Conference on Organic Electronic Material Technologies, Çanakkale, Turkey, 17 - 19 May 2016
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YILDIRIM M., CENGİZ U., KAYA İ., DEMİR G. E., ÇAĞLAR A.
2nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016
- XXX. **Synthesis and characterization of PEDOT/PFHP electrochromic bilayer surfaces**
YILDIRIM M., CENGİZ U., KAYA İ., ÇAĞLAR A.
2nd International Conference on Organic Electronic Material Technologies (OEMT2016), Çanakkale, Turkey, 17 - 19 May 2016
- XXXI. **Kinetics Analysis for Isothermal and Nonisothermal Decomposition of 5 Aminoquinoline Oligomers.**
DOĞAN F., BİLİCİ A., KAYA İ.
2st International Conference on Organic Electronic Material Technologies, Çanakkale, Turkey, 17 - 19 May 2016
- XXXII. **Synthesis and characterization of imine polymers containing methyl silane group**
KAYA İ., ÇITAKOĞLU N.
1st International Turkic World Conference on Chemical Sciences and Technologies, 27 October - 01 November 2015
- XXXIII. **Conducting films of poly (1-amino-2-naphthol-4-sulfonic acid) blended with LDPE**
Doğan F., Temizkan K., Bilici A., Kaya İ.
2nd International Nanoscience and Nanotechnolgy for Next Generation Conference (NaNoNG) 2015, Antalya, Turkey, 29 - 31 October 2015, pp.55
- XXXIV. **Oxidation of 3-amino quinoline by (NH₄)₂S₂O₈ :Characterization and kinetic evaluation**
BİLİCİ A., DOĞAN F., KAYA İ.
2nd International Nanoscience and Nanotechnolgy for Next Generation Conference (NaNoNG) 2015, Antalya, Turkey, 29 - 31 October 2015, pp.54
- XXXV. **Study of thermal degradation kinetic of 7-amino-4-hydroxynaphthalene-2-sulfonic acid**
DOĞAN F., Temizkan K., BİLİCİ A., KAYA İ.
2nd International Nanoscience and Nanotechnolgy for Next Generation Conference (NaNoNG) 2015, Antalya, Turkey, 29 - 31 October 2015, pp.56
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2nd International Nanoscience and Nanotechnolgy for Next Generation Conference (NaNoNG) 2015, Antalya, Turkey, 29 - 31 October 2015, pp.53
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Doğan F., Temizkan K., Bilici A., Kaya İ.
Proceedings of the IVthInternational Scientific ConferenceClimate Change, Economic Development, Environment and People (CCEDEP)Regional Development of Central and Eastern European Countries, Plovdiv, Bulgaria, 7 - 09 September 2014, vol.2, pp.25-33
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Frontiers in Polymer Science, Riva Del Garda, Italy, 20 - 22 May 2015
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5. Fiziksel Kimya Kongresi, Konya, Turkey, 16 - 19 May 2015, pp.146
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DOĞAN F., BİLİCİ A., KAYA İ.
1st International Conference on Organic Electronic Material Technologies (OEMT'2015), 25 - 28 March 2015
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16. Ulusal Optik, Elektro-Optik ve Fotonik Çalıştayı, Kocaeli, Turkey, 05 September 2014, pp.27
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5th EuCheMS Chemistry Congress, İstanbul, Turkey, 31 August - 04 September 2014
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IV. Ulusal Polimer Bilim ve Teknoloji Kongresi, Çanakkale, Turkey, 5 - 08 August 2012, pp.125

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BİLİCİ A., DOĞAN F., YILDIRIM M., KAYA İ.
Chemical oxidative polymerization of 4-hydroxyquinoline", IUPAC 9th International Conference on Advanced Polymers via Macromolecular Engineering (APME2011), Nevşehir, Turkey, 5 - 08 September 2011, pp.194
- LXX. **Solid state decomposition kinetics of poly(4-hydroxyquinoline)**
BİLİCİ A., DOĞAN F., YILDIRIM M., KAYA İ.
IUPAC 9th International Conference on Advanced Polymers via Macromolecular Engineering (APME2011), Nevşehir, Turkey, 5 - 08 September 2011, pp.193
- LXXI. **Chemical oxidative polymerization of 4-hydroxyquinoline**
BİLİCİ A., DOĞAN F., YILDIRIM M., KAYA İ.
IUPAC 9th International Conference on Advanced Polymers via Macromolecular Engineering (APME2011), Turkey, 1 - 04 September 2011, pp.194
- LXXII. **Solid state decomposition kinetics of poly(4-hydroxyquinoline)**
BİLİCİ A., DOĞAN F., YILDIRIM M., KAYA İ.
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25. Uluslararası Katılımlı Ulusal Kimya Kongresi, Turkey, 27 June - 02 July 2011, pp.113
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25. Ulusal Kimya Kongres, Erzurum, Turkey, 27 June - 02 July 2011, pp.93
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GÖKTAŞ H., Gunes T., Demircioglu Z., Mansuroglu D., Kaya I.
20th International Symposium on Plasma Chemistry, Philadelphia, United States Of America, 24 - 29 June 2011, pp.52
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GÖKTAŞ H., GÜNEŞ T., ATALAY B., MANSUROĞLU D., KAYA İ.
63rd Annual Gaseous Electronics Conference and 7th International Conference on Reactive Plasmas, France, 4 - 08 October 2010
- LXXVIII. **4-[(4-hidroksifenil)imino]metilbenzen-1,2,3 triol bileşiğinin Oksidatif Polimerizasyonu ve Termal Bozunma Kinetiğinin İncelenmesi**
Dilek D., DOĞAN F., BİLİCİ A., KAYA İ.
24. Ulusal Kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010
- LXXIX. **2-[4-(Diethylaminophenyl)Imino]-5-Nitrofenol Ve Polifenol Türünün Sentezi Ve İki Farklı Ph Aralığı İçin Spektrofotometrik Ph Sensör Uygulamaları**
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24. Ulusal kimya Kongresi, Zonguldak, Turkey, 29 June - 02 July 2010, pp.121
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GÖKTAŞ H., Demircioglu Z., Gunes T., Kaya I.
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DOĞAN F., BİLİCİ A., KAYA İ.
3. Ulusal Polimer Bilim ve Teknolojisi Kongresi ve Sergisi, Kocaeli, Turkey, 12 - 14 May 2010, pp.115

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BİLİCİ A., KAYA İ., DOĞAN F.
3. Ulusal Polimer Bilim ve Teknolojisi Kongresi ve Sergisi, Kocaeli, Turkey, 12 - 14 May 2010, pp.112
- LXXXV. **Fenol ve polifenol temelli poli(azometin-üretan)lar: Sentez ve termal karakterizasyon**
KAYA İ., YILDIRIM M., KAMACI M., AVCI A.
3. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Kocaeli, Turkey, 12 - 14 May 2010
- LXXXVI. **Poli(2-hidroksi karbazol)'ün enzimatik sentezi ve karakterizasyonu**
BİLİCİ A., KAYA İ., YILDIRIM M., DOĞAN F.
3. Ulusal Polimer Bilim ve Teknoloji Kongresi ve Sergisi, Kocaeli, Turkey, 12 - 14 May 2010
- LXXXVII. **Schiff Base Substitute Polyphenol: Synthesis, Characterization and Non-Isothermal Degradation Kinetics**
DOĞAN F., BİLİCİ A., KAYA İ.
23. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009
- LXXXVIII. **Ana Zincirinde Cr (III) iyonu içeren Çözünür, Yarı-İletken Şelat Polimerler: Sentez, Karakterizasyon, Optik, Elektrokimyasal ve Elektriksel Özellikler**
KAYA İ., YILDIRIM M.
23. Ulusal kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009, pp.25
- LXXXIX. **Ana Zincirinde Fluoren Molekülü İçeren Yeni Tür Schiff Bazı Sübtitüentli Oligofenollerin Sentezi ve Bazı Özelliklerinin İncelenmesi**
KAYA İ., YILDIRIM M., AYDIN A., BAHÇECİ D.
23. Ulusal kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009, pp.24
- XC. **Ana Zincirinde Fluoren Molekülü İçeren Yeni Tür Schiff Bazı Sübtitüentli Oligofenollerin Sentezi ve Bazı Özelliklerinin İncelenmesi,**
KAYA İ., YILDIRIM M., AYDIN A., BAHÇECİ D.
23. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009, pp.24
- XCI. **o-Dianisidin'den Türetilen Yeni Polifenollerin Sentez ve Karakterizasyonu: Çözünürlük, Termal Kararlılık, Elektriksel İletkenlik, Optik ve Elektrokimyasal Özellikler Üzerine Sübtitüentin Etkisi**
KAYA İ., YILDIRIM M., KAMACI M.
23. Ulusal kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009, pp.26
- XCII. **Poly-2-[(6-Aminopridin-2yl-)imino]metilfenol Polimerinin Sentezi, Karakterizasyonu ve Katı Hal Bozunma Kinetiği**
BİLİCİ A., DOĞAN F., KAYA İ.
XXIII. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009, pp.23
- XCIII. **Ana Zincirinde Fluoren Molekülü İçeren Yeni Tür Schiff Bazı Sübtitüentli Oligofenollerin Sentezi ve Bazı Özelliklerinin İncelenmesi,**
KAYA İ., YILDIRIM M., AYDIN A., BAHÇECİ D.
23. Ulusal Kimya Kongresi, Sivas, Turkey, 16 - 20 June 2009, pp.24
- XCIV. **Thermal Decomposition Kinetics of Some Tri-nuclear Complexes of bis (Δ^2 -2-imidazoliny)-5,5'-dioxime**
DOĞAN F., ŞİRİN K., MERCİMEK B., KAYA İ.
II. Ulusal Anorganik Kimya Kongresi, Elazığ, Turkey, 16 - 19 May 2009, pp.169
- XCV. **Thermal Decomposition Kineitcs of Some Metal Complexes of 2,3-hydroxyimino-4-phenyl-6-phenylazo-1-thia-4,5-diaza-cyclohexa-5-diene**

DOĞAN F., MERCİMEK B., KAYA İ.

II. Ulusal Anorganik Kimya Kongresi, Elazığ, Turkey, 16 - 19 May 2009, pp.110

XCVI. Thermal Decomposition Kineitics of Palladium(II) Complexes Containing İmidobis(diphenylthiophosphinato) Ligand

Doğan F., Yanar S., İrişli S., Kaya İ.

II. Ulusal Anorganik Kimya Kongresi, Elazığ, Turkey, 16 - 19 May 2009, pp.111

XCVII. A Novel Plasma Polymerization Method for Synthesizing Thin Films of Flourene

Mansuroglu D., Ince F. G., GÖKTAŞ H., Kaya I., Aydın R.

The International Conference on Nanotechnology: Science and Applications (Nanotech Insight '09), Barcelona, Spain, 29 March - 02 April 2009, pp.264

XCVIII. Plazma yöntemiyle konjuge yapıli polimer ince film üretimi

GÖKTAŞ H., Gunes T., Ince F. G., Kaya I.

Güneş Enerjisinde Yeni Ufuklara Doğru Fikir Paylaşımı ve Nihai Ürünlerinin Tanıtımı, Ankara, Turkey, 30 January - 01 February 2009, pp.20

XCIX. Electropolymerization of hematoxylin for electrocatalytic oxidation of NADH

DİLGİN Y., KAYA İ., GİRAY DİLGİN D., GÖKÇEL H. İ., DURSUN Z.

6th Aegean Analytical Chemistry Days, 9 - 12 October 2008

C. Schiff Bazı İçeren Yeni Bir Polifenol ile Onun Bazı Metal Komplekslerinin Sentezi ve Karakterizasyonu

KAYA İ., BİLİCİ A., GUL M.

XXII. Ulusal Kimya Kongresi, Gazimagusa, Turkey, 6 - 10 October 2008, pp.98

CI. Melaminden Türetilen Graft Kopolimerlerin Sentezi ve Karakterizasyonu: Termal Kararlılık, Elektriksel İletkenlik ve Optik Özellikler

KAYA İ., YILDIRIM M.

22. Ulusal kimya Kongresi, Gazimagusa, Turkey, 6 - 10 October 2008

CII. Oksidatif Polikondenzasyon ile Azometin Oligomerlerinin Sentezi ve Karakterizasyonu

KAYA İ., BİLİCİ A., SACAK M.

21. Ulusal Kimya Kongresi, Malatya, Turkey, 23 - 27 August 2007

CIII. Aromatik Halkalı Azometin Oligomer ve Metal Komplekslerinin Sentezi ve Karakterizasyonu

KAYA İ., BİLİCİ A., SACAK M.

21. Ulusal Kimya Kongresi, Malatya, Turkey, 23 - 27 August 2007

CIV. Bazı Azometin Eterlerin Oligofenol Türevlerinin Farklı Sübstitüe Gruplarla Değişen Özelliklerinin İncelenmesi: Sentez ve Karakterizasyon

KAYA İ., YILDIRIM M.

21. Ulusal kimya Kongresi, Malatya, Turkey, 23 - 27 August 2007

CV. "Ana Zincirinde Karbazol Grubu İçeren Yeni Tür Oligofenollerin Sentezi, Karakterizasyonu ve Bazı Özelliklerinin İncelenmesi

KOYUNCU S., Kaya İ.

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

CVI. Electropolymerization of hematoxylin for electrocatalytic oxidation of NADH

DİLGİN Y., KAYA İ., GİRAY DİLGİN D., Gökçel H. İ., Dursun Z.

6th Aegean Analytical Chemistry Days, Denizli, Turkey, 9 - 12 October 2006, pp.124

CVII. Kinetics of Thermal Degradation of Poly(Isobornyl Methacrylate)

DOĞAN F., KAYA İ., Yürekli M.

XX. Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006

CVIII. Oligo-4-[(p-Tolilimino)metil]Fenol'ün Sentezi, Karakterizasyonu, Termal ve İletkenlik Özellikleri

KAYA İ., YILDIRIM M.

20. Ulusal kimya Kongresi, Kayseri, Turkey, 4 - 08 September 2006

CIX. Yeni Çift Çekirdekli Rutenyum Komplekslerinin Termal Özelliklerinin İncelenmesi

DAYAN O., DOĞAN F., KAYA İ., ÇETİNKAYA B.

XX. Ulusal Kimya Kongresi, Kayseri, Turkey, 1 - 04 September 2006, pp.111

- CX. **Oligo-1,3 bis[(2-hidroksi-5,8 dihidroksinaftalen-1-il-)metilen)]üre ve onun metal komplekslerinin sentezi, karakterizasyonu ve termal degradasyonu**
KAYA İ., BİLİCİ A.
1. Ulusal Polimer Bilim ve Teknolojisi Kongresi ve Sergisi, Ankara, Turkey, 21 - 23 June 2006, pp.78
- CXI. **Oligo-[(4-bromfenil)iminometil)]fenolün sentezi, optimum reaksiyon şartları ve termal özellikleri**
KAYA İ., Solguntekin A., BİLİCİ A.
XIX. Ulusal Kimya Kongresi, Aydın, Turkey, 30 October - 04 November 2005, pp.571
- CXII. **Oligo-2-[84-hidroksifenil)iminometil]-1 naftol ve onun bazı metal komplekslerinin sentezi, karakterizasyonu ve termal degradasyonu**
KAYA İ., BİLİCİ A.
19. Ulusal Kimya Kongresi, Aydın, Turkey, 30 September - 04 October 2005, pp.568
- CXIII. **oligo-4-[(4-hidroksibenziliden)amino]fenol sentezi ve karakterizasyonu**
KAYA İ., ÇULHAOĞLU S., BAHÇECİ D.
XIX. Ulusal Kimya Kongresi, İzmir, Turkey, 30 August - 04 September 2005, pp.569
- CXIV. **Synthesis and Characterization of Oligo-2-[(4-hidroxyphenyl)iminomethyl)]1-naphtol**
KAYA İ., BİLİCİ A.
2. International Aegean Physical Chemistry Days, Balıkesir, Turkey, 7 - 10 October 2004, pp.107
- CXV. **Synthesis and Characterisation of Oligo-2-[(4-Nitrophenyl) iminomethyl] phenol**
KAYA İ., BAHÇECİ D., YILDIRIM M.
2nd International Aegean Physical Chemistry Days, Balıkesir, Turkey, 7 - 10 October 2004
- CXVI. **Synthesis and characterization of oligo-2-[(4-nitrophenyl) imino methyl] phenol**
KAYA İ., YILDIRIM M., BAHÇECİ D.
2nd International Aegean Physical Chemistry Days, Balıkesir, Turkey, 7 September - 10 April 2004, pp.108
- CXVII. **Synthesis and characterization of oligo-4-[(pyridine-3-yl-imino) methyl]phenol**
KAYA İ., ÇULHAOĞLU S., BAHÇECİ D.
2nd International Aegean Physical Chemistry Days, Balıkesir, Turkey, 7 - 10 September 2004, pp.34
- CXVIII. **Oligo-4-[(pridin-3-il-metilen)amino]fenolün sentezi, karakterizasyonu ve optimum reaksiyon şartları**
SACAK M., KAYA İ., BİLİCİ A.
18. Ulusal Kimya Kongresi, Kars, Turkey, 5 - 09 July 2004, pp.1103
- CXIX. **Oligo-N-4-Aminopridinilsalisilaliminin Sentezi Karakterizasyonu ve Optimum Reaksiyon Şartlarının Belirlenmesi**
Koyuncu S., Kaya İ.
XVII. Ulusal Kimya Kongres, İstanbul, Turkey, 1 - 04 September 2003
- CXX. **oligo-3-hidroksifenilbenzaldiminin sentezi karakterizasyonu ve optimum reaksiyon şartlarının belirlenmesi**
KAYA İ., BAHÇECİ D., KOYUNCU S., ÖZDEMİR E.
XVII. Ulusal Kimya Kongresi, İstanbul, Turkey, 8 - 11 August 2003, pp.689
- CXXI. **oligo- salisiliden-3-amino-1, 2, 4-triazol ve oligo-2-hidroksinaftiliden-3-amino-1, 2, 4-triazolun sentezi ve karakterizasyonu**
ERÇAĞ A., KAYA İ., KOYUNCU S., BAHÇECİ D.
XVII. Ulusal Kimya Kongresi, İstanbul, Turkey, 8 - 11 August 2003, pp.755
- CXXII. **oligo- salisiliden amino benzene metanol ve oligo-5-brom-salisiliden amino benzene metanolün sentezi ve karakterizasyonu**
ERÇAĞ A., KAYA İ., ÇULHAOĞLU S., BAHÇECİ D.
XVII. Ulusal Kimya Kongresi, İstanbul, Turkey, 8 - 11 August 2003, pp.751
- CXXIII. **oligo- salisiliden amino benzene metanol ve oligo-5-brom-salisiliden amino benzene metanolün sentezi ve karakterizasyonu**
ERÇAĞ A., KAYA İ., ÇULHAOĞLU S., BAHÇECİ D.
XVII. Ulusal Kimya Kongresi, İstanbul, Turkey, 8 - 11 August 2003, pp.751
- CXXIV. **oligo-3-hidroksifenilbenzaldiminin sentezi karakterizasyonu ve optimum reaksiyon şartlarının belirlenmesi**

- KAYA İ., BAHÇECİ D., KOYUNCU S., ÖZDEMİR E.
XVII. Ulusal Kimya Kongresi, İstanbul, Turkey, 8 - 11 August 2003, pp.689
- CXXV. **The Synthesis and characterization of oligo-N-2- Aminophenylbenzaldimine**
KOYUNCU S., Kaya İ., Şenol D.
Chemical Physics V, Yıldız Technical University, Turkey, 1 - 04 November 2002, pp.51
- CXXVI. **The Synthesis and characterization of oligo-N-4 Aminophenylbenzaldimine**
KOYUNCU S., Kaya İ., Şenol D.
Chemical Physics V, Yıldız Technical University, Turkey, 1 - 04 November 2002, pp.52
- CXXVII. **The synthesis and characterization of oligo-N-4-aminophenylbenzaldimine**
KAYA İ., KOYUNCU S., BAHÇECİ D.
Chemical Physical V, YUTU, İstanbul, Turkey, 31 October - 01 November 2002, pp.53
- CXXVIII. **The synthesis and characterization of oligo-N-2-aminophenylbenzaldimine**
KAYA İ., KOYUNCU S., BAHÇECİ D.
Chemical Physical V, YUTU, İstanbul, Turkey, 31 October - 01 November 2002, pp.52
- CXXIX. **oligo-N-salisiliden fenilhidrazonun sentezi, karakterizasyonu ve optimum reaksiyon şartlarının belirlenmesi**
KAYA İ., DEMİRCİ A., BAHÇECİ D.
XVI. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002, pp.897
- CXXX. **oligo-2-hidroksi-1-naftaldehitin Schiff bazı oligomerlerinin sentezi ve karakterizasyonu**
KAYA İ., BAHÇECİ D.
XVI. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002, pp.787
- CXXXI. **oligo-N, N'-bis-salisiliden semitiyokarbazonun sentezi, karakterizasyonu ve optimum reaksiyon şartlarının belirlenmesi**
KAYA İ., ÇULHAOĞLU S., BAHÇECİ D.
XVI. Ulusal Kimya Kongresi, Konya, Turkey, 10 - 13 September 2002, pp.917
- CXXXII. **İnvers Gaz Kromatografisi ile PVC-PIBMA ve PVC-P(4-T-BIS) Blend Sistemlerinin Bazı Termodinamik Özelliklerinin İncelenmesi**
KAYA İ., ŞENOL BAHÇECİ D.
1nd International Aegean Physical Chemistry Days, İzmir, Turkey, 5 - 07 June 2002
- CXXXIII. **Study of some thermodynamic properties of PVC-PIBMA and PVC-P(4-t-BIS) blend system**
KAYA İ., BAHÇECİ D.
1nd International Aegean Physical Chemistry Days, İzmir, Turkey, 5 - 07 June 2002, pp.89
- CXXXIV. **Oligo-N-3-pridinil salisilaldiminin sentezi, karakterizasyonu ve optimum reaksiyon şartlarının belirlenmesi**
KAYA İ., BAHÇECİ D.
1nd International Aegean Physical Chemistry Days, İzmir, Turkey, 5 - 07 June 2002, pp.71
- CXXXV. **Oligo-2-hidroksi-1-naftaldehitin sentezi ve özellikleri**
KAYA İ., BAHÇECİ D.
XV. Ulusal Kimya Kongresi, İstanbul, Turkey, 4 - 07 September 2001, pp.23
- CXXXVI. **Yeni tür schiff bazı oligo (poli eterlerin) sentezi ve karakterizasyonu**
KOYUNCU S., Kaya İ., Yıldız M.
XV. Ulusal Kimya Kongresi, İstanbul, Turkey, 1 - 04 September 2001
- CXXXVII. **Lewis Asit Katalizörlüğünde polistrenin Açılınması ve Kondenzasyon ürününün Bazı Fiziksel Özelliklerinin Belirlenmesi**
Özdemir E., Doğan F., Kaya İ.
XIV.Ulusal Kimya Kongresi, Diyarbakır, Turkey, 10 - 15 September 2000, pp.641

Supported Projects

Kolcu F., Kaya İ., Karacan Yeldir E., TUBITAK Project, Poli(kuersetin)'in Enzimatik ve Oksidatif Yöntemle Biyosentezi: PE

için Oksidasyon Önleyici Ajan Olarak Kullanımının Araştırılması , 2024 - 2025

Kaya İ., Kolcu F., Çulhaoğlu S., Project Supported by Higher Education Institutions, Fenil floren birimi içeren mono ve di sübtitüe yapıli fenoksi-imin polimerlerinin sentezi ve karakterizasyonu, 2024 - 2025

Kolcu F., Kaya İ., Project Supported by Higher Education Institutions, Antrasen birimi içeren aromatik monoamin bileşiiğinin enzimatik ve oksidatif polimerizasyonu, 2024 - 2025

Erdener Çıralı D., Kaya İ., Project Supported by Higher Education Institutions, Karbazol Birimi içeren Schiff Bazı Bileşiiğinin Sentezi ve Karakterizasyonu, 2022 - 2023

KOLCU F., KAYA İ., Project Supported by Higher Education Institutions, Amin ve halojen birimleri içeren fenol bileşiiğinin enzimatik ve oksidatif polimerizasyonu, 2022 - 2023

Kaya İ., Kolcu F., Çulhaoğlu S., Project Supported by Higher Education Institutions, Fosfor ve silan grupları içeren oksijen köprülü azometin polimerlerinin sentezi karakterizasyonu ve floresans özellikleri, 2022 - 2023

KARACAN YELDİR E., KAYA İ., Project Supported by Higher Education Institutions, Eter bağı içeren aromatik diaminin oksidatif ve enzimatik polimerizasyonla makromolekül yapılarının sentezi ve karakterizasyonu, 2022 - 2023

Erdener Çıralı D., Kaya İ., Project Supported by Higher Education Institutions, Yeni Bir Schiff Bazının Sentezi Karakterizasyonu ve Metal İyonlarına Karşı Sensör Özelliğinin İncelenmesi, 2021 - 2022

KAYA İ., ÇULHAOĞLU S., KOLCU F., Project Supported by Higher Education Institutions, Floren ve karbazol birimi içeren azometin polimerlerinin sentezi ve karakterizasyonu, 2021 - 2022

KAYA İ., DİNÇER E., Project Supported by Higher Education Institutions, Benzotiyazol birimleri içeren imin polimerlerinin sentezi ve karakterizasyonu, 2021 - 2022

DEMİR R., ÇULHAOĞLU S., KAYA İ., Project Supported by Higher Education Institutions, Poli(4,4'-diamino-difenil sülfon) bileşiiğinin sentezi, ince filmlerinin hazırlanması ve diyod uygulaması, 2020 - 2022

KARACAN YELDİR E., KAYA İ., KOLCU F., Project Supported by Higher Education Institutions, Halojen ve nitro grubu içeren aminofenol monomerinin oksidatif ve enzimatik polimerizasyonu, 2020 - 2021

KOLCU F., KAYA İ., Project Supported by Higher Education Institutions, Halojen atomu içeren aromatik diamin bileşiiğinin enzimatik ve oksidatif polimerizasyonu, 2019 - 2020

KAYA İ., YAŞAR A. Ö., Project Supported by Higher Education Institutions, İletken kompozit kitosan biyopolimerlerin sentez ve karakterizasyonu, 2019 - 2020

KAYA İ., İRİŞ R. E., Project Supported by Higher Education Institutions, İmin ve eterik temelli ikincil yapı birimi içeren kafes yapıların sentezi karakterizasyonu ve uygulama alanlarının belirlenmesi, 2018 - 2019

KOLCU F., ÇULHAOĞLU S., KAYA İ., Project Supported by Higher Education Institutions, Perilen birimi içeren epoksi bileşiklerinin sentezi ve karakterizasyonu, 2018 - 2019

KAYA İ., KOLCU F., Project Supported by Higher Education Institutions, Azo birimi içeren aromatik diamin bileşiiğinin enzimatik polimerizasyonu ve karakterizasyonu, 2017 - 2018

Kamacı M., Kaya İ., TUBİTAK Project, Biyomedikal Uygulamalar için Yeni Tür Kitosan Poli azometin üretan Hidrojellerin Sentezi (TUBİTAK 3001-MAG, 215M714), 2016 - 2018

KOLCU F., KAYA İ., Project Supported by Higher Education Institutions, Fenil ve etoksi birimleri içeren imin polimerinin sentezi ve karakterizasyonu, 2017 - 2017

KAYA İ., KÜÇÜK E., Project Supported by Higher Education Institutions, Tiyazol birimleri içeren imin polimerlerinin sentezi ve karakterizasyonu, 2017 - 2017

KAYA İ., TEMİZKAN K., Project Supported by Higher Education Institutions, Ester grubu içeren yeni imin polimerlerinin sentezi ve karakterizasyonu, 2016 - 2016

KAYA İ., AYTEN B., Project Supported by Higher Education Institutions, İmin bağı içeren hidrojellerin sentezi ve karakterizasyonu, 2015 - 2016

Kaya İ., Yıldırım M., Cengiz U., TUBİTAK Project, Süper Yağ İtici, Elektrokromik Yüzey Malzemelerinin Sentez Ve Karakterizasyonu, 2013 - 2016

KAYA İ., AVCI A., Temizkan K., Project Supported by Higher Education Institutions, İmin grubu içeren bazı poli üretanların sentezi ve termal özellikleri, 2014 - 2015

Kaya İ., Bilici A., TUBİTAK Project, Optik ve elektronik aktif polipiren partiküllerinin biyosentezi, 2013 - 2014

KAYA İ., KOLCU F., Project Supported by Higher Education Institutions, Eterik Bağ ve metil grubu içeren imin polimerlerinin sentezi ve karakterizasyonu, 2013 - 2014

KAYA İ., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Çanakkale Onsekiz Mart Üniversitesi Merkez

Laboratuvarı Altyapı Güçlendirme Projesi, 2010 - 2014

KAYA İ., ÇÖPÜR S., Project Supported by Higher Education Institutions, Fenolik Grup İçeren İmin Polimerlerinin Sentezi ve Termal Özellikleri, 2012 - 2013

KAYA İ., KESKİN Ş., Project Supported by Higher Education Institutions, Bazı aromatik amin bileşikleri ile 2,4-dihidroksi-benzaldehitin imin polimerlerinin sentezi ve karakterizasyonu, 2010 - 2012

KAYA İ., ŞENOL BAHÇECİ D., YILDIRIM M., Project Supported by Higher Education Institutions, İmin polimerlerinin sentezi ve karakterizasyonu, 2010 - 2011

KAYA İ., Project Supported by Higher Education Institutions, Pridin Birimleri İçeren İmin Polimerlerinin Sentezi ve Karakterizasyonu, 2009 - 2010

GÖKTAŞ H., İŞCAN A., GÜL F., KAYA İ., Project Supported by Higher Education Institutions, Plazma Yöntemiyle Organik İnce Filmlerin Sentezlenmesi ve Karakterizasyonlarının Yapılması, 2008 - 2009

Kaya İ., Şenol Bahçeci D., Yıldırım M., TUBITAK Project, Ana zincirinde Fluoren molekülü içeren yeni tür Schiff bazı sübstitüentli oligofenollerin sentezi ve bazı özelliklerinin incelenmesi, 2007 - 2009

KAYA İ., ŞENOL BAHÇECİ D., ÇULHAOĞLU S., YILDIRIM M., Project Supported by Higher Education Institutions, Aromatik Halkalı Azometin Polimerlerin Sentezi ve Karakterizasyonu, 2007 - 2008

Kaya İ., TUBITAK Project, Oligo-2-[(2-hidroksi-6-metoksibenziliden)aminopiridin-3-il-iminometil-3-metoksi]fenol ve oligo-4-[(2-hidroksi-6-metoksifenilmetil)aminofeniliminometil-3-metoksi]fenolün sentezi, karakterizasyonu, termal, anti-mikrobial, yarı iletkenlik özellikleri ve onların gıdalara uygulaması, 2006 - 2008

ŞENOL BAHÇECİ D., KAYA İ., BİLİCİ A., AKGÜL C., CB Strateji ve Bütçe Başkanlığı (Kalkınma Bakanlığı) Projesi, Oligo-4-[(pridin-2-il-imino)metil]fenol, oligo-4-[(pridin-3-il-imino)metil]fenol ve oligo-4-[(pridin-4-il-imino)metil]fenol'ün sentezi, karakterizasyonu ve bazı özellikleri, 2005 - 2007

Kaya İ., Akgül C., Şenol Bahçeci D., TUBITAK Project, Oligo-4-[(4-hidroksibenziliden)amino]fenol ve oligo-2-[(4-hidroksibenziliden)amino]fenol'ün sentezi, karakterizasyonu, termal, anti-mikrobial ve yarı iletkenlik özelliklerinin incelenmesi, 2004 - 2006

KAYA İ., KOYUNCU S., ŞENOL D., ÇULHAOĞLU S., Project Supported by Higher Education Institutions, 2-Aminopridinil-3-Hidroksibenzaldimin ve 3-Aminopridinil-3-Hidroksibenzaldiminin sentezi, karakterizasyonu ve bazı özelliklerinin incelenmesi, 2004 - 2006

KAYA İ., ÇULHANOĞLU S., Project Supported by Higher Education Institutions, 2-[(Pridin-2-il-metilen) amino] pridin-3-ol'ün sentezi, polimerizasyonu ve bazı fiziksel özelliklerin incelenmesi, 2004 - 2005

Kaya İ., Project Supported by Higher Education Institutions, Oksidatif polikondensasyon ile oligo-N-4-aminopiridinilsaldiminin sentezi ve özelliklerinin incelenmesi, 2001 - 2003

Kaya İ., Koyuncu S., Şenol Bahçeci D., TUBITAK Project, Schiff Bazı Sübstitüentli Oligofenollerin Sentezi ve Karakterizasyonu, 2001 - 2003

Kaya İ., TUBITAK Project, Geçiş Metallerinin Redoks-Aktiv Ligandlarla Koordinasyon Bileşiklerinin Sentezi, Yapı ve İnamoleküler Elektron Transferi Reaksiyonlarının İncelenmesi, 1995 - 1997

Metrics

Publication: 460

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Congress and Symposium Activities

V. Ulusal Polimer Bilim ve Teknoloji Kongresi, Invited Speaker, Tokat, Turkey, 2014

III. Fiziksel Kimya Günleri, Invited Speaker, Balıkesir, Turkey, 2012

Awards

KAYA İ., 10. Yıl Anısına Bilim Ödülü, Çanakkale Onsekiz Mart Üniversitesi, November 2002