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International Researcher IDs

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Education Information

Doctorate, Canakkale Onsekiz Mart University, Fen-Edebiyat Fakültesi/Fen Bilimleri, Kimya/Fizikokimya, Turkey 2007 - 2012

Postgraduate, Canakkale Onsekiz Mart University, Fen-Edebiyat Fakültesi/Fen Bilimleri, Kimya/Fizikokimya, Turkey 1998 - 2001

Undergraduate, Fırat University, Faculty Of Arts And Sciences, Kimya, Turkey 1994 - 1998

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, İmin ve Amin Grupları İçeren Aromatik Bileşiklerin Katalitik/Oksidatif Polimerizasyonla Sentezi ve Karakterizasyonu, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya/ Fizikokimya, 2011

Postgraduate, Oligo 2-Hidroksi-1-Naftaldehitin Schiff Bazı Oligomerlerinin Sentezi ve Özelliklerinin İncelenmesi, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya/ Fizikokimya, 2001

Research Areas

Chemistry, Physical Chemistry, New Technologies in Polymer Chemistry, Natural Sciences

Academic Titles / Tasks

Assistant Professor, Canakkale Onsekiz Mart University, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Tekstil, Giyim, Ayakkabı Ve Deri Bölümü, 2018 - Continues

Assistant Professor, Canakkale Onsekiz Mart University, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Tekstil, Giyim, Ayakkabı Ve Deri Bölümü, 2016 - 2018

Expert, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 2005 - 2016

Research Assistant, Canakkale Onsekiz Mart University, Fen Fakültesi, Kimya, 1999 - 2005

Academic and Administrative Experience

Head of Department, Canakkale Onsekiz Mart University, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Tekstil, Giyim, Ayakkabı Ve Deri, 2024 - Continues

Meslek Yüksekokulu Yönetim Kurulu Üyesi, Canakkale Onsekiz Mart University, Çanakkale Teknik Bilimler Meslek Yüksek Okulu, Tekstil, Giyim, Ayakkabı Ve Deri, 2024 - Continues

Courses

Nanomalzemeler ve Enerji Uygulamaları, Postgraduate, 2023 - 2024

İş Sağlığı ve Güvenliği, Associate Degree, 2023 - 2024

Matematik I, Associate Degree, 2020 - 2021

Bilgi ve İletişim Teknolojisi, Associate Degree, 2020 - 2021

Tekstil Teknolojisi I, Associate Degree, 2020 - 2021

Marka Yönetimi ve Pazarlama, Associate Degree, 2020 - 2021

Jury Memberships

Post Graduate, Post Graduate, Çanakkale Onsekiz Mart Üniversitesi, February, 2024

Post Graduate, Tez Savunma/Çelikhane baca tozundan çinko oksit ve çinkonun (ZnO/Zn) ayrıştırılması Separation of zinc oxide and zinc (ZnO/Zn) from flue furnace dust, ÇANAKKALE ONSEKİZ MART ÜNİVERSİTESİ, January, 2018

Post Graduate, Tez Savunma/Tiyazol birimleri içeren imin polimerlerinin sentezi ve karakterizasyonu Synthesis and characterization of imine polymers containing thiazole unit, ÇANAKKALE ONSEKİZ MART ÜNİVERSİTESİ, August, 2017

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Anti-bacterial, anti-oxidant activities of polymer-based metal complexes and their catalyst effects in presence of H₂O₂**
ŞENOL BAHÇECİ D., AYDIN KOCAEREN A., DEMİR N., Dalgıç B.
Iranian Polymer Journal (English Edition), vol.33, no.2, pp.141-156, 2024 (SCI-Expanded)
- II. **Changes in Optical, Electrochemical and Electrical Conductivities in the Conductive Polymer Mixture by Adding Different Surfactants**
Dilek Şenol Bahçeci S.
Polymer Science - Series B, 2024 (SCI-Expanded)
- III. **Synthesis, characterization of polymeric ligand-metal complexes and their biological activity properties**
Kocaeren A., Bahçeci D., DEMİR N., Dalgıç B., Karatağ E.
Journal of Molecular Structure, vol.1292, 2023 (SCI-Expanded)
- IV. **Optical Sensor Applications of Carbazole Derivative Polymers Containing Different Aliphatic Groups Against Fe³⁺ Metal Ion**
Aydın Kocaeren A., Şenol Bahçeci D., Doğan F.
Polymer Science, Series A, vol.64, no.6, pp.685-703, 2023 (SCI-Expanded)
- V. **Investigation of Synthesis, Characterization, and Biological Activities of Water-Soluble Polymer with Horseradish Peroxidase Enzyme**
Dilek Şenol Bahçeci S., Neslihan Demir D.
Polymer Science - Series B, vol.64, no.5, pp.733-748, 2022 (SCI-Expanded)
- VI. **Biological Activity and Optical Sensor Properties of Green Synthesis Polymer**
Bahçeci D., Demir N., Kocaeren A.
CHEMISTRYSELECT, vol.7, no.34, 2022 (SCI-Expanded)
- VII. **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)

- VIII. **Synthesis, Structural Characterization, Enzymatic and Oxidative Polymerization of 2,6-Diaminopyridine**
ŞENOL BAHÇECİ D.
JOURNAL OF FLUORESCENCE, vol.30, no.1, pp.157-174, 2020 (SCI-Expanded)
- IX. **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)
- X. **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)
- XI. **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)
- XII. **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)
- XIII. **An investigation on the conversion of functional materials of fish bones as waste products using surface modification methods**
Kizilkayal B., Tan E., Bahceci D., Ormanci H. B., Öztekin A.
INDIAN JOURNAL OF BIOTECHNOLOGY, vol.17, no.1, pp.57-64, 2018 (SCI-Expanded)
- XIV. **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)
- XV. **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)
- XVI. **Synthesis, Characterization, Electrical Conductivity and Fluorescence Properties of Polyimine Bearing Phenylacetylene Units**
ŞENOL BAHÇECİ D., KOLCU F., KAYA İ.
JOURNAL OF FLUORESCENCE, vol.26, no.5, pp.1579-1590, 2016 (SCI-Expanded)
- XVII. **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)
- XVIII. **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)
- XIX. **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)

- XX. **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)
- XXI. **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)
- XXII. **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)
- XXIII. **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)
- XXIV. **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)
- XXV. **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)
- XXVI. **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)
- XXVII. **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)
- XXVIII. **The synthesis, characterization and thermal properties of oligo-2-hydroxyphenylbenzaldimine**
KAYA İ., ŞENOL D., KOYUNCU S.
Polymer-Plastic and Engineering,, vol.43, pp.1021-1031, 2004 (SCI-Expanded)
- XXIX. **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)
- XXX. **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)

Articles Published in Other Journals

- I. **AN EVALUATION ON THE APPLICATIONS OF SOME MARINE BIOPOLYMERS**
KIZILKAYA B., ŞENOL BAHÇECİ D.
MARINE REPORTS, vol.3, no.1, pp.77-90, 2024 (Peer-Reviewed Journal)
- II. **Synthesis and Characterization of Schiff Base Polymer Dyes Containing Electron-Withdrawing and Electron Releasing Groups**
ŞENOL BAHÇECİ D.
Hacettepe Journal of Biology and Chemistry, vol.45, no.1, pp.67-80, 2017 (Peer-Reviewed Journal)

- III. **Determination of Anti Microbial Properties of Oligo 2 hydroxy 1 naftaldehyde**
Meriçli Yapıcı B., Kaya İ., Şenol Bahçeci D.
DRUG METABOLISM AND DRUG INTERACTIONS, vol.21, no.2, pp.131-138, 2005 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **Determination of Changes of Some Properties of Leathers Dyed with Anionic Dyes After Re-tanning and Fatliquoring Processes by Organoleptic Methods**
Şenol Bahçeci D., Yapıcı A. N.
1st International Conference on Engineering and Applied Natural Sciences, Konya, Turkey, 10 - 13 May 2022, pp.1001-1002
- II. **İmin Yapılı Boyar Madde Polimeri ile Deri Boyama**
ŞENOL BAHÇECİ D.
International Symposium on Academic Studies in Science, Engineering and Architecture Studies, 15 - 17 November 2019
- III. **Synthesis and Characterization of Poly (ether)s Containing Resorcinol Unit**
ŞENOL BAHÇECİ D.
3rd International Conference on Organic Electronic Material Technologies (OEMT2018), 20 - 22 September 2018
- IV. **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
- V. **Oligo-2-hidroksi-1-naftaldehitin sentezi ve özellikleri**
KAYA İ., BAHÇECİ D.
XV. Ulusal Kimya Kongresi, İstanbul, Turkey, 4 - 07 September 2016, pp.23
- VI. **Spectrophotometric and spectrofluorometric studies of Schiff base dyes containing electron-withdrawing and electron releasing groups**
BAHÇECİ D.
2nd International Conference on Organic Electronic Material Technologies (OEMT), Çanakkale, Turkey, 17 May - 19 June 2016, pp.21
- VII. **İmin Polimerlerinin Katalitik ve Katalitik Olmayan Oksidatif Polikondenzasyon ile Sentezi ve Karakterizasyonu**
BAHÇECİ D., KAYA İ.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.688
- VIII. **İmin Polimerlerinin Katalitik ve Katalitik Olmayan Oksidatif Polikondenzasyon ile Sentezi ve Karakterizasyonu**
BAHÇECİ D., KAYA İ.
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.688
- IX. **Eter Birimi İçeren Azometin Poliiminlerinin Sentezi ve Karakterizasyonu**
BAHÇECİ D., KAYA İ.
V. Fiziksel Kimya Kongresi, Konya, Turkey, 16 May 2015 - 19 May 2016, pp.73
- X. **Eter Birimi İçeren Azometin Poliiminlerinin Sentezi ve Karakterizasyonu**
BAHÇECİ D., KAYA İ.
V. Fiziksel Kimya Kongresi, Konya, Turkey, 16 - 19 May 2015, pp.73
- XI. **Farklı Süstitüe Gruplar İçeren Aromatik Poli(Diaminlerin) Sentezi ve Karakterizasyonu**
BAHÇECİ D., KAYA İ.
IV. Fiziksel Kimya Kongresi Pamukkale Üniversitesi, Denizli, Turkey, 5 - 08 June 2014, pp.48
- XII. **Karboksil Grubu İçeren İmin Polimerlerinin Sentezi ve Karakterizasyonu**
KAYA İ., KARTAL E., BAHÇECİ D.
IV. Fiziksel Kimya Kongresi Pamukkale Üniversitesi, Denizli, Turkey, 5 - 08 June 2014, pp.54
- XIII. **Farklı Süstitüe Gruplar İçeren Aromatik Poli(Diaminlerin) Sentezi ve Karakterizasyonu**

- BAHÇECİ D., KAYA İ.
IV. Fiziksel Kimya Kongresi Pamukkale Üniversitesi, Denizli, Turkey, 5 - 08 June 2014, pp.48
- XIV. **Karboksil Grubu İçeren İmin Polimerlerinin Sentezi ve Karakterizasyonu**
KAYA İ., KARTAL E., BAHÇECİ D.
IV. Fiziksel Kimya Kongresi Pamukkale Üniversitesi, Denizli, Turkey, 5 - 08 June 2014, pp.54
- XV. **Karboksil ve Amit Grubu İçeren Schiff Bazı Monomerlerinin Oksidatif Polikondenzasyon Tepkimeleri**
BAHÇECİ D., KAYA İ.
IV. Ulusal Polimer Bilim ve Teknoloji Kongresi, Çanakkale, Turkey, 5 - 08 August 2012, pp.125
- XVI. **Karboksil ve Amit Grubu İçeren Schiff Bazı Monomerlerinin Oksidatif Polikondenzasyon Tepkimeleri**
BAHÇECİ D., KAYA İ.
IV. Ulusal Polimer Bilim ve Teknoloji Kongresi, Çanakkale, Turkey, 5 - 08 August 2012, pp.125
- XVII. **Ana Zincirinde Fluoren Molekülü İçeren Yeni Tür Schiff Bazı Süstitüentli 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
- XVIII. **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
- XIX. **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
- XX. **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
- XXI. **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
- XXII. **oligosalisilaldehitin etil anilin, butil anilin ve o-toluidin ile schiff bazı oligomerlerinin sentezi ve karakterizasyonu**
KAYA İ., ERÇAĞ A., BAHÇECİ D., KOYUNCU S.
XVII. Ulusal Kimya Kongresi, İstanbul, Turkey, 8 - 11 September 2003, pp.762
- XXIII. **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
- XXIV. **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
- XXV. **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
- XXVI. **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
- XXVII. **The synthesis and characterization of oligo-N-2-aminophenylbenzaldimine**
KAYA İ., KOYUNCU S., BAHÇECİ D.
Chemical Physical V, YTU, İstanbul, Turkey, 31 October - 01 November 2002, pp.52
- XXVIII. **The synthesis and characterization of oligo-N-4-aminophenylbenzaldimine**

KAYA İ., KOYUNCU S., BAHÇECİ D.

Chemical Physical V, YTU, İstanbul, Turkey, 31 October - 01 November 2002, pp.53

XXIX. İners Gaz Kromatografisi ile PVC-PİBMA ve PVC-P(4-T-BS) Blend Sistemlerinin Bazı Termodinamik Özelliklerinin İncelenmesi

KAYA İ., ŞENOL BAHÇECİ D.

1nd International Aegean Physical Chemistry Days, İzmir, Turkey, 5 - 07 June 2002

Scientific Refereeing

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Dergi Park, National Scientific Refreed Journal, May 2018

Metrics

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