

Prof. PINAR ÇAMURLU

Personal Information

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International Researcher IDs

ORCID: 0000-0003-1610-0033

Publons / Web Of Science ResearcherID: C-1606-2016

ScopusID: 6507809815

Yoksis Researcher ID: 19210

Education Information

Doctorate, Middle East Technical University, Fen , Kimya, Turkey 2002 - 2006

Postgraduate, Middle East Technical University, Fen , Kimya, Turkey 1999 - 2002

Undergraduate, Middle East Technical University, Fen , Kimya, Turkey 1995 - 1999

Foreign Languages

English, C2 Mastery

Certificates, Courses and Trainings

Occupational Health and Safety, İş Sağlığı ve Güvenliği Uzmanı - C Sınıfı, Çalışma ve Sosyal Güvenlik Bakanlığı, 2014

Occupational Health and Safety, İş Sağlığı ve Güvenliği Eğitim Sertifikası, Çalışma ve Sosyal Güvenlik Bakanlığı, 2013

Dissertations

Doctorate, Syntheses of Conducting Polymers of 3-Ester Substituted Thiophenes and Characterization of Their Electrochromic Properties, Middle East Technical University, Fen Fakültesi, Kimya, 2006

Postgraduate, Synthesis and Characterization of Poly(dibromophenylene oxides)s Through Thermal Decomposition of Various Transition Metal Complexes in Solid State, Middle East Technical University, Fen Fakültesi, Kimya, 2002

Research Areas

Chemistry, Analytical Chemistry, Electromagnetic Methods, Sensors, Physical Chemistry, Electrochemistry, Functional Polymers, Conductive Polymers, nanocomposites, Characterization of Polymers, Polymeric Films, Polymeric Materials, Organic Chemistry, Chemistry of Macromolecules, Natural Sciences

Academic Titles / Tasks

Professor, Akdeniz University, Faculty of Science, Department of Chemistry, 2016 - Continues
Associate Professor, Akdeniz University, Faculty of Science, Department of Chemistry, 2010 - 2016
Assistant Professor, Akdeniz University, Faculty of Science, Department of Chemistry, 2007 - 2010
Research Assistant, Akdeniz University, Faculty of Engineering, Department of Civil Engineering, 2007 - 2007
Research Assistant, Middle East Technical University, Faculty Of Arts And Sciences, Kimya, 1999 - 2006

Academic and Administrative Experience

Akdeniz University, Faculty of Science, Kimya, 2009 - Continues
Akdeniz University, Bilim Ve Teknoloji Araştırma Ve Uygulama Merkezi, 2018 - 2019
Akdeniz University, Faculty of Science, 2014 - 2016

Courses

Doctorate

İletken Polimerler, Doctorate, 2014 - 2015, 2013 - 2014, 2011 - 2012, 2010 - 2011, 2009 - 2010
İletken Plimerler, Doctorate, 2012 - 2013

Undergraduate

Fiziksel Kimya 1 , Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011
Fiziksel Kimya Lab , Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
Polimer Kimyası, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
Fiziksel Kimya 2, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
Elektrokimya, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
Fiziksel Kimya 3, Undergraduate, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
Fiziksel Kimya 1 , Undergraduate, 2009 - 2010

Supervised Theses

Çamurlu P., Rodamin Temelli Kemosensörlerin Hazırlanması ve Metal İyonu Tespitinde Kullanılması, Postgraduate, S.EMRE(Student), Continues
Çamurlu P., Trifenilamin Tabanlı Polimerlerin Optoelektronik Özelliklerinin İncelenmesi, Postgraduate, A.SARIDAŞ(Student), Continues
Çamurlu P., Nanolif Esaslı Yüzey Baskılı Elektrotların Hazırlanması ve Biyosensör Uygulamaları, Doctorate, E.MERVE(Student), 2023
Çamurlu P., Akıllı Uygulamalara Yönelik Politiyofen Tabanlı Metalopolimerlerin Sentezi ve Karakterizasyonu, Doctorate, N.Güven(Student), 2023
Çamurlu P., İletken Nanoliflerin Çeşitli Yöntemlerle Üretilmesi Ve Amperometrik Biyosensörlerin Geliştirilmesi, Doctorate, Z.Merih(Student), 2022
ÇAMURLU P., Ru-Kompleksleri İçeren Yeni Sınıf Poli(2,5-ditiyenilpirol) Türevlerinin Sentezi ve Elektrokromik Özelliklerinin İncelenmesi, Postgraduate, B.Özer(Student), 2019
ÇAMURLU P., İletken Polimer Tabanlı Amperometrik Biyosensörlerin Geliştirilmesi, Doctorate, A.Altun(Student), 2019
ÇAMURLU P., Klık Kimyası ile Fonksiyonlandırılmış Poli(2,5-dithienilpirol) Türevlerinin Sentezi ve Karakterizasyonu, Postgraduate, N.Güven(Student), 2016
ÇAMURLU P., Bitiyazol İçeren İletken Polimerlerin Sentezi ve Elektrokromik Özelliklerinin İncelenmesi, Postgraduate, C.Gültekin(Student), 2011
ÇAMURLU P., Redoks Aktif Grup İçeren İletken Polimerlerin Sentezi, Karakterizasyonu ve Elektrokromik Özelliklerinin İncelenmesi, Postgraduate, Z.Topçu(Student), 2011
ÇAMURLU P., Dibenzotiyofen-S,S-Dioksit Tabanlı İletken Polimerlerin Sentezi, Karakterizasyonu ve Elektrokromik

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Discriminative detection of glucose and urea with a composite polymer nanofiber based matrix**
Apetrei R., Guven N., ÇAMURLU P.
ChemistrySelect, vol.9, no.1, 2024 (SCI-Expanded)
- II. **Highly sensitive detection of glucose via glucose oxidase immobilization onto conducting polymer-coated composite polyacrylonitrile nanofibers**
Çetin M. Z., Guven N., Apetrei R., Çamurlu P.
Enzyme and Microbial Technology, vol.164, 2023 (SCI-Expanded)
- III. **Trace-Level Phenolics Detection Based on Composite PAN-MWCNTs Nanofibers**
Özer E. M., Apetrei R., Çamurlu P.
ChemBioChem, vol.23, no.17, 2022 (SCI-Expanded)
- IV. **Ambipolar, multichromic metallopolymers of poly(3,4-ethylenedioxythiophene)**
Guven N., Yücel B., Sultanova H., ÇAMURLU P.
Dyes and Pigments, vol.205, 2022 (SCI-Expanded)
- V. **Multichromic metallopolymers of poly(2,5-dithienylpyrrole)s derived through tethering of ruthenium(II) bipyridyl complex**
Guven N., Yucel B., Sultanova H., Çamurlu P.
ELECTROCHIMICA ACTA, vol.424, pp.140562, 2022 (SCI-Expanded)
- VI. **Biosensing Efficiency of Nanocarbon-Reinforced Polyacrylonitrile Nanofibrous Matrices**
Apetrei R., Guven N., ÇAMURLU P.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.169, no.2, 2022 (SCI-Expanded)
- VII. **Fast Switching Triphenylamine-Based Electrochromic Polymers with Fluorene Core: Electrochemical Synthesis and Optoelectronic Properties**
Guven N., Cemaloglu O. S., Çamurlu P.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.169, no.2, 2022 (SCI-Expanded)
- VIII. **Next step in 2nd generation glucose biosensors: Ferrocene-loaded electrospun nanofibers**
Guven N., Apetrei R., ÇAMURLU P.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.128, 2021 (SCI-Expanded)
- IX. **Facile copper-based nanofibrous matrix for glucose sensing: Eenzymatic vs. non-enzymatic**
Apetrei R., ÇAMURLU P.
BIOELECTROCHEMISTRY, vol.140, 2021 (SCI-Expanded)
- X. **Functional Biosensing Platform for Urea Detection: Copolymer of Fc-Substituted 2,5-di(thienyl)pyrrole and 3,4-ethylenedioxythiophene**
Altun A., Apetrei R., Camurlu P.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.168, no.6, 2021 (SCI-Expanded)
- XI. **The effect of montmorillonite functionalization on the performance of glucose biosensors based on composite montmorillonite/PAN nanofibers**
Apetrei R., ÇAMURLU P.
ELECTROCHIMICA ACTA, vol.353, 2020 (SCI-Expanded)
- XII. **Reagentless Amperometric Glucose Biosensors: Ferrocene-Tethering and Copolymerization**
Altun A., Apetrei R., ÇAMURLU P.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.167, no.10, 2020 (SCI-Expanded)
- XIII. **Review-Functional Platforms for (Bio)sensing: Thiophene-Pyrrole Hybrid Polymers**
Apetrei R., ÇAMURLU P.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.167, no.3, 2020 (SCI-Expanded)
- XIV. **Tuning of electrochromic properties of electrogenerated polythiophenes through Ru(II) complex**

tethering and backbone derivatization

Güven N., Sultanova H., Ozer B., Yücel B., ÇAMURLU P.
ELECTROCHIMICA ACTA, vol.329, 2020 (SCI-Expanded)

- XV. **The effect of copolymerization and carbon nanoelements on the performance of poly(2,5-di(thienyl)pyrrole) biosensors**
Altun A., Apetrei R., ÇAMURLU P.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.105, 2019 (SCI-Expanded)
- XVI. **Sensitivity enhancement for microbial biosensors through cell Self-Coating with polypyrrole**
Apetrei R., carac G., BAHRIM G., ÇAMURLU P.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.68, no.17, pp.1058-1067, 2019 (SCI-Expanded)
- XVII. **Utilization of enzyme extract self-encapsulated within polypyrrole in sensitive detection of catechol**
Apetrei R., CĂRĂC G., BAHRIM G., ÇAMURLU P.
Enzyme and Microbial Technology, vol.128, pp.34-39, 2019 (SCI-Expanded)
- XVIII. **Solution processable fluorene-extended Indeno[1,2-b]anthracenes: Synthesis, characterization and photophysical properties**
Yücel B., Akcebe N., Desde M., TEKIN E., MUCUR S. P., ÇAMURLU P.
DYES AND PIGMENTS, vol.156, pp.82-90, 2018 (SCI-Expanded)
- XIX. **An amperometric glucose biosensor based on PEDOT nanofibers**
Çetin M. Z., ÇAMURLU P.
RSC ADVANCES, vol.8, no.35, pp.19724-19731, 2018 (SCI-Expanded)
- XX. **Construction of ferrocene modified conducting polymer based amperometric urea biosensor**
Dervisevic M., Dervisevic E., Senel M., Cevik E., YILDIZ H. B., ÇAMURLU P.
ENZYME AND MICROBIAL TECHNOLOGY, vol.102, pp.53-59, 2017 (SCI-Expanded)
- XXI. **Utilization of Polypyrrole Nanofibers in Glucose Detection**
Cetin M. Z., ÇAMURLU P.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.164, no.12, 2017 (SCI-Expanded)
- XXII. **Post Polymerization Functionalization of a Soluble Poly(2,5-dithienylpyrrole) Derivative via Click Chemistry**
Güven N., ÇAMURLU P., Desde M., Yücel B.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.164, no.7, 2017 (SCI-Expanded)
- XXIII. **Ferrocene clicked polypyrrole derivatives: effect of spacer group on electrochemical properties and post-polymerization functionalization**
ÇAMURLU P., Güven N., BICIL Z.
DESIGNED MONOMERS AND POLYMERS, vol.19, no.3, pp.212-221, 2016 (SCI-Expanded)
- XXIV. **Electrosyntheses of anthracene clicked poly(thienylpyrrole)s and investigation of their electrochromic properties**
Güven N., ÇAMURLU P.
POLYMER, vol.73, pp.122-130, 2015 (SCI-Expanded)
- XXV. **Optoelectronic properties of thiazole-based polythiophenes**
ÇAMURLU P., Güven N.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.132, no.27, 2015 (SCI-Expanded)
- XXVI. **Multichromic polymers based on pyrene clicked thienylpyrrole**
Güven N., ÇAMURLU P., Yücel B.
POLYMER INTERNATIONAL, vol.64, no.6, pp.758-765, 2015 (SCI-Expanded)
- XXVII. **Calixarene assembly with enhanced photocurrents using P(SNS-NH₂)/CdS nanoparticle structure modified Au electrode systems**
Sayin S., Azak H., Yildiz H. B., ÇAMURLU P., Akkus G. U., Toppare L., Ersoz M.
PHYSICAL CHEMISTRY CHEMICAL PHYSICS, vol.17, no.30, pp.19911-19918, 2015 (SCI-Expanded)
- XXVIII. **Optoelectronic Properties of Poly(2,5-dithienylpyrrole)s with Fluorophore Groups**

- Guven N., ÇAMURLU P.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.162, no.12, 2015 (SCI-Expanded)
- XXIX. **Polypyrrole derivatives for electrochromic applications**
Camurlu P.
RSC ADVANCES, vol.4, no.99, pp.55832-55845, 2014 (SCI-Expanded)
- XXX. **Multichromic, ferrocene clicked poly(2,5-dithienylpyrrole)s**
Bicil Z., ÇAMURLU P., Yücel B., Becer B.
JOURNAL OF POLYMER RESEARCH, vol.20, no.9, 2013 (SCI-Expanded)
- XXXI. **Clickable, versatile poly(2,5-dithienylpyrrole) derivatives**
ÇAMURLU P., Karagoren N.
REACTIVE & FUNCTIONAL POLYMERS, vol.73, no.6, pp.847-853, 2013 (SCI-Expanded)
- XXXII. **Optoelectronic Properties and Electrochromic Device Application of Novel Pyrazole Based Conducting Polymers**
ÇAMURLU P., Gultekin C., Guerbulak V.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.50, no.6, pp.588-595, 2013 (SCI-Expanded)
- XXXIII. **Both p and n-Dopable, Multichromic, Naphthalineimide Clicked Poly(2,5-dithienylpyrrole) Derivatives**
ÇAMURLU P., Karagoren N.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.160, no.9, 2013 (SCI-Expanded)
- XXXIV. **A Solution-Processible, n-Dopable Polypyrrole Derivative**
ÇAMURLU P., EREN E., Gultekin C.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.50, no.23, pp.4847-4853, 2012 (SCI-Expanded)
- XXXV. **A comprehensive study on utilization of N-substituted poly(2,5-dithienylpyrrole) derivatives in electrochromic devices**
ÇAMURLU P., Gultekin C.
SOLAR ENERGY MATERIALS AND SOLAR CELLS, vol.107, pp.142-147, 2012 (SCI-Expanded)
- XXXVI. **Fast switching, high contrast multichromic polymers from alkyl-derivatized dithienylpyrrole and 3,4-ethylenedioxythiophene**
ÇAMURLU P., Gultekin C., Bicil Z.
ELECTROCHIMICA ACTA, vol.61, pp.50-56, 2012 (SCI-Expanded)
- XXXVII. **Novel ferrocene derivatized poly(2,5-dithienylpyrrole)s: Optoelectronic properties, electrochemical copolymerization**
ÇAMURLU P., Bicil Z., Gultekin C., Karagoren N.
ELECTROCHIMICA ACTA, vol.63, pp.245-250, 2012 (SCI-Expanded)
- XXXVIII. **Utilization of novel bithiazole based conducting polymers in electrochromic applications**
ÇAMURLU P., Gultekin C.
SMART MATERIALS AND STRUCTURES, vol.21, no.2, 2012 (SCI-Expanded)
- XXXIX. **Solution processable donor acceptor type dibenzothiophen-S,S-dioxide derivatives for electrochromic applications**
ÇAMURLU P., Durak T., Toppare L.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.661, no.2, pp.359-366, 2011 (SCI-Expanded)
- XL. **Electronic and optical properties of dibenzothiophen-S,S-dioxide and EDOT based conducting polymers**
ÇAMURLU P., Durak T., Balan A., Toppare L.
SYNTHETIC METALS, vol.161, no.17-18, pp.1898-1905, 2011 (SCI-Expanded)
- XLI. **A Novel Copolymer: Starch-g-Polyvinylpyrrolidone**
Kahya S., Sanli O., ÜNAL H. İ., ÇAMURLU P.
STARCH-STARKE, vol.61, no.5, pp.267-274, 2009 (SCI-Expanded)
- XLII. **Electrochromic Properties of a Copolymer of 1-4-Di[2,5-di(2-thienyl)-1H-1-pyrrolyl]benzene with EDOT**

- Kiralp S., ÇAMURLU P., Gunbas G., TANYELİ C., Akhmedov I., Toppare L.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.112, no.2, pp.1082-1087, 2009 (SCI-Expanded)
- XLIII. **Polythiophene-polyoxyethylene copolymer in polyfluorene-based polymer blends for light-emitting devices**
ÇAMURLU P., Giovanella U., Bolognesi A., Botta C., Cik G., Vegh Z.
SYNTHETIC METALS, vol.159, no.1-2, pp.41-44, 2009 (SCI-Expanded)
- XLIV. **Poly(dibromophenylene oxide)s Through Atom Transfer Radical Rearrangement Polymerization of Various Transition Metal Complexes**
ÇAMURLU P., Kisakuerek D.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.46, no.3, pp.321-330, 2009 (SCI-Expanded)
- XLV. **Synthesis of poly(diiodophenyleneoxide)s through atom transfer radical rearrangement polymerization of various copper complexes - Effect of ligand**
Sanli O., Gorgun F. Z., ÇAMURLU P.
REACTIVE & FUNCTIONAL POLYMERS, vol.68, no.11, pp.1594-1600, 2008 (SCI-Expanded)
- XLVI. **A fast switching, low band gap, p- and n-dopable, donor-acceptor type polymer**
GÜNBAŞ E. G., ÇAMURLU P., Akhmedov I. M., TANYELİ C., ÖNAL A. M., Toppare L.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.615, no.1, pp.75-83, 2008 (SCI-Expanded)
- XLVII. **Fine tuning of color via copolymerization and its electrochromic device application**
ÇAMURLU P., Sahmetlioglu E., Sahin E., Akhmedov I. M., TANYELİ C., Toppare L.
THIN SOLID FILMS, vol.516, no.12, pp.4139-4144, 2008 (SCI-Expanded)
- XLVIII. **Multichromic conducting copolymer of 1-benzyl-2,5-di(thiophen-2-yl)-1H-pyrrole with EDOT**
ÇAMURLU P., Tarkuc S., Sahmetlioglu E., Akhmedov I. M., TANYELİ C., Toppare L.
SOLAR ENERGY MATERIALS AND SOLAR CELLS, vol.92, no.2, pp.154-159, 2008 (SCI-Expanded)
- XLIX. **Sorption, diffusion, and pervaporation characteristics of dimethylformamide/water mixtures using sodium alginate/polyvinyl pyrrolidone blend membranes**
KONDOLOT SOLAK E., Asman G., ÇAMURLU P., Sanli O.
VACUUM, vol.82, no.6, pp.579-587, 2008 (SCI-Expanded)
- L. **Immobilization of Tyrosinase in Poly(2-thiophen-3-yl-alkyl ester) Derivatives**
ÇAMURLU P., Kayahan S. K., Toppare L.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.45, no.12, pp.1011-1016, 2008 (SCI-Expanded)
- LI. **A soluble conducting polymer of 4-(2,5-di(thiophen-2-yl)-1H-pyrrol-1-yl)benzenamine and its multichromic copolymer with EDOT**
Yildiz E., ÇAMURLU P., TANYELİ C., Akhmedov I., Toppare L.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.612, no.2, pp.247-256, 2008 (SCI-Expanded)
- LII. **Conducting copolymers of random and block copolymers of electroactive and liquid crystalline monomers with pyrrole and thiophene**
Camurlu P., Toppare L., Yilmaz F., Yağcı Y., Galli G.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, vol.44, no.3, pp.265-270, 2007 (SCI-Expanded)
- LIII. **A neutral state green polymer with a superior transmissive light blue oxidized state**
Durmus A., Gunbas G. E., Camurlu P., Toppare L.
CHEMICAL COMMUNICATIONS, no.31, pp.3246-3248, 2007 (SCI-Expanded)
- LIV. **Electrochromic properties and electrochromic device application of copolymer of N-(4-(3-thienyl methylene)-oxycarbonylphenyl)maleimide with thiophene**
AK M., ÇAMURLU P., Yilmaz F., Cianga L., Yağcı Y., TOPPARE L. K.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.102, no.5, pp.4500-4505, 2006 (SCI-Expanded)
- LV. **Dual-type electrochromic devices based on both n- and p-dopable poly(dithieno[3,4-b,3',4'-e]-[1,4]-dithiine)**
Sahin E., ÇAMURLU P., TOPPARE L. K.

- SYNTHETIC METALS, vol.156, no.16-17, pp.1073-1077, 2006 (SCI-Expanded)
- LVI. **Synthesis, crystal structure and spectral analysis of diaquatetrakis(N-methylimidazole)Ni(II)(2,4,6-tribromophenol)**
Yılmaz A., ÇAMURLU P., YILDIRIM L., KISAKÜREK D., UELKUE D.
CRYSTAL RESEARCH AND TECHNOLOGY, vol.41, no.8, pp.829-835, 2006 (SCI-Expanded)
- LVII. **Synthesis and characterization of poly(thiophen-3-yl acetic acid 4-pyrrol-1-yl phenyl ester-co-N-methylpyrrole) and its application in an electrochromic device**
Bingöl B., ÇAMURLU P., TOPPARE L. K.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.100, no.3, pp.1988-1994, 2006 (SCI-Expanded)
- LVIII. **Dual type complementary colored polymer electrochromic devices based on conducting polymers of poly(hexanedioic acid bis-(2-thiophen-3-yl-ethyl ester))**
ÇAMURLU P., TOPPARE L. K.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, vol.A43, no.3, pp.449-458, 2006 (SCI-Expanded)
- LIX. **Both anodically and cathodically coloring electrochromic polymer based on dithieno[3,4-b,3',4'-e]-[1,4]-dithiine**
Şahin E., ÇAMURLU P., TOPPARE L. K.
SYNTHETIC METALS, vol.156, no.2-4, pp.124-128, 2006 (SCI-Expanded)
- LX. **Conducting polymers of succinic acid bis-(2-thiophen-3-yl-ethyl)ester and their electrochromic properties**
Saçan L., Çirpan A., ÇAMURLU P., TOPPARE L. K.
SYNTHETIC METALS, vol.156, no.2-4, pp.190-195, 2006 (SCI-Expanded)
- LXI. **Synthesis and electrochromic properties of conducting copolymers of dioxocino- and dithiocino-quinoxalines with bithiophene**
Beyazyidirim S., ÇAMURLU P., YILMAZ D., GÜLLÜ M., TOPPARE L. K.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.587, no.2, pp.235-246, 2006 (SCI-Expanded)
- LXII. **Synthesis and characterization of thiophene functionalized polystyrene copolymers and their electrochemical properties**
Şahin E., ÇAMURLU P., TOPPARE L. K., MERCORE V., CIANGA I., YAĞCI Y.
POLYMER INTERNATIONAL, vol.54, no.12, pp.1599-1605, 2005 (SCI-Expanded)
- LXIII. **Conducting polymers of octanoic acid 2-thiophen-3-yl-ethyl ester and their electrochromic properties**
ÇAMURLU P., ÇIRPAN A., TOPPARE L. K.
MATERIALS CHEMISTRY AND PHYSICS, vol.92, no.2-3, pp.413-418, 2005 (SCI-Expanded)
- LXIV. **Conducting copolymers of thiophene functionalized polystyrenes with thiophene**
Şahin E., ÇAMURLU P., TOPPARE L. K., MERCORE V., CIANGA I., YAĞCI Y.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.579, no.2, pp.189-197, 2005 (SCI-Expanded)
- LXV. **Synthesis and electrochromic properties of a symmetric polythiophene derivative: Decanedioic acid bis-(2-thiophene-3-yl-ether)ester and its copolymer with thiophene**
Aslan E., ÇAMURLU P., TOPPARE L.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, vol.A42, no.4, pp.451-462, 2005 (SCI-Expanded)
- LXVI. **Synthesis, crystal structure and characterization of new transition metal compounds of bromophenols: Bis(2,4,6-tribromophenolato) di(N-methylimidazole)M(II) (M=Co, Cu)**
ÇAMURLU P., YILMAZ A., TATAR L., KISAKÜREK D., ÜLKÜ D.
CRYSTAL RESEARCH AND TECHNOLOGY, vol.40, no.3, pp.271-276, 2005 (SCI-Expanded)
- LXVII. **Synthesis, characterization, and electrochromic properties of conducting poly(hexanedioic acid bis-(2-thiophen-3-yl-ethyl ester)) and its copolymer with thiophene**
ÇAMURLU P., ÇIRPAN A., TOPPARE L.
SYNTHETIC METALS, vol.146, no.1, pp.91-97, 2004 (SCI-Expanded)
- LXVIII. **Dual type complementary colored polymer electrochromic devices utilized by 3-ester substituted**

thiophenes

ÇAMURLU P., ÇIRPAN A., Toppare L.

JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.572, no.1, pp.61-65, 2004 (SCI-Expanded)

Articles Published in Other Journals

- I. **Catechol Biosensor Design Based on Ferrocene-Derivatized 2,5-Dithienyl Pyrrole Copolymer with 3,4-Ethylenedioxythiophene**
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