

Prof.Dr. LEVENT KAMİL TOPPARE

Kişisel Bilgiler

İş Telefonu: [+90 312 210 3251](tel:+903122103251)

Fax Telefonu: [+90 312 210 3200](tel:+903122103200)

E-posta: toppare@metu.edu.tr

Web: <https://avesis.metu.edu.tr/toppare>

Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, Türkiye 1978 - 1982

Araştırma Alanları

Temel Bilimler

Akademik Unvanlar / Görevler

Prof.Dr., Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, 1990 - Devam Ediyor

Yönetilen Tezler

- TOPPARE L. K. , [1,2,5]kalkojenazolo[3,4-f]benzo[1,2,3]triazol yapısının konjuge polimerlerin optoelektronik özellikleri üzerindeki etkisi, Yüksek Lisans, E.AYDAN(Öğrenci), 2020
- TOPPARE L. K. , ELECTROCHEMICAL SENSING OF GLUCOSE USING CONJUGATED POLYMER/CHITOSAN/MWCNT ARCHITECTURE, Yüksek Lisans, H.ÖZEL(Öğrenci), 2019
- TOPPARE L. K. , Investigation of the effects of different macrostructures on conjugated polymer based amperometric biosensor performance, Yüksek Lisans, E.BÜBER(Öğrenci), 2018
- TOPPARE L. K. , Functionalization and fabrication of polymer based device platform architectures for sensor applications, Doktora, S.SÖYLEMEZ(Öğrenci), 2018
- TOPPARE L. K. , Inverted organic solar cell applications of benzodithiophene and benzotriazole bearing alternating copolymers, Yüksek Lisans, E.BOLAYIR(Öğrenci), 2018
- TOPPARE L. K. , Toppare L., Multifonksiyonel polimer yapılarını biyosensör olarak etanol ve tarım ilacı tayininde ve floresan prob olarak hücre görüntülemesinde kullanımı., Doktora, M.KESİK(Öğrenci), 2017
- TOPPARE L. K. , Polimer ışık yayan diyotlar, elektrokimyasal yöntemlerle üretilen polimerler kullanılarak üretilen yüksek verimli cihazlar ve ito içermeyen cihazlar., Doktora, G.HIZALAN(Öğrenci), 2017
- TOPPARE L. K. , Synthesis, electrochemical characterization and organic solar cell applications of selenophene containing conjugated polymers, Yüksek Lisans, M.YAŞA(Öğrenci), 2017
- TOPPARE L. K. , Multi-functional polymer scaffolds as biosensors for detection of ethanol and organophosphorous pesticides and as a fluorescent probe for cell imaging purpose, Doktora, M.KESİK(Öğrenci), 2017
- TOPPARE L. K. , Polymer light emitting diodes and organic solar cells towards ITO free devices and high efficiency devices using electrochemically synthesized polymers, Doktora, G.HIZALAN(Öğrenci), 2017
- TOPPARE L. K. , Development of amperometric glucose biosensors based on conducting polymers and different materials providing enhanced performance, Yüksek Lisans, T.CEREN(Öğrenci), 2016
- TOPPARE L. K. , Development of amperometric cholinesterase biosensors based on a conducting polymer for detection

of anti-dementia drugs and pesticides, Yüksek Lisans, J.TURAN(Öğrenci), 2016

TOPPARE L. K. , Synthesis, photophysical and photovoltaic properties of 11-fluorodibenzo[a,c]phenazine bearing donor-acceptor type conjugated polymers, Yüksek Lisans, E.AKTAŞ(Öğrenci), 2016

TOPPARE L. K. , Syntheses, electrochemical and spectroelectrochemical characterizations of benzothiadiazole and benzoselenadiazole containing random copolymers, Yüksek Lisans, S.KUTKAN(Öğrenci), 2016

DOĞAN Ö., TOPPARE L. K. , Syntheses of new multifunctional donor acceptor type polymers for electrochromic and organic solar cell applications, Doktora, Ş.ÖZDEMİR(Öğrenci), 2016

TOPPARE L. K. , Syntheses, spectroelectrochemical and electrochemical characterizations of naphthodithiophene containing polymers for solar cell applications, Yüksek Lisans, E.İŞİK(Öğrenci), 2016

TOPPARE L. K. , Benzodithiophene and benzotriazole bearing alternating copolymers, effect of thiophene and bithiophene π -bridges on photovoltaic properties, Yüksek Lisans, Ç.İSTANBULLUOĞLU(Öğrenci), 2016

TOPPARE L. K. , ÇIRPAN A., Syntheses, characterization and optical properties of fluorine containing benzimidazole derivatives, Yüksek Lisans, M.İleri(Öğrenci), 2015

TOPPARE L. K. , Development of novel immobilization matrices via surface modification approach for glucose detection and their biosensor applications, Doktora, S.DEMİRCİ(Öğrenci), 2014

TOPPARE L. K. , A functional immobilization matrix based on a conducting polymer modified with PMMA/clay nanocomposites and gold nanoparticles: Applications to amperometric glucose biosensors, Yüksek Lisans, M.KESİK(Öğrenci), 2014

TOPPARE L. K. , Syntheses and investigation of optoelectronic properties of 5,6-bis(octyloxy)benzo[c][1,2,5]oxadiazole derivatives, Yüksek Lisans, S.GÖKER(Öğrenci), 2014

TOPPARE L. K. , Benzoselenadiazole, quinoxaline and thienothiophene based monomers; electrochemical and spectroelectrochemical properties, Yüksek Lisans, S.TOKSABAY(Öğrenci), 2014

TOPPARE L. K. , 5,6-BIS(oktiloksi)benzo[c][1,2,5]okzadiyazol türevlerinin sentezi ve optoelektronik özelliklerinin incelenmesi, Yüksek Lisans, S.Göker(Öğrenci), 2014

TOPPARE L. K. , ÇIRPAN A., Synthesis, Characterizations And Photovoltaic Applications Of Dithienothiophene And Benzotriazole Containing Conjugated Polymers, Yüksek Lisans, Ş.Can(Öğrenci), 2013

TOPPARE L. K. , ÇIRPAN A., The Combination Of Benzotriazole And N-Functionalized 2,5-Di(2-Thienyl)-1h-Pyrrole Units To Investigate The Electrochromic Properties Of Conjugated Polymers, Yüksek Lisans, E.Rende(Öğrenci), 2013

TOPPARE L. K. , ÇIRPAN A., Syntheses of new monomeric and polymeric units and electrochemical behaviors for the use in electrochromic applications, Yüksek Lisans, N.Buket(Öğrenci), 2013

TOPPARE L. K. , Syntheses and characterization of benzimidazole containing polymers: A comparative study on donor unit effect and influence of H-bonding, Yüksek Lisans, A.GÖYÇEK(Öğrenci), 2013

TOPPARE L. K. , Synthesis, spectroscopic and electrochemical studies of perylene containing conjugated copolymers, Yüksek Lisans, Ş.BAYSEÇ(Öğrenci), 2013

TOPPARE L. K. , Benzimidazol içeren polimerlerin sentezi ve karakterizasyonu :donör ünitesinin ve H-bağının etkileri üzerine karşılaştırmalı bir çalışma., Yüksek Lisans, A.Gökçek(Öğrenci), 2013

TOPPARE L. K. , ÇIRPAN A., Türevlendirilmiş kinoksalin ve benzimidazol monomerlerinin fotoduyar olarak difenilyodonyum başlatıcıları ile fotopolimerizasyonda kullanılması, Yüksek Lisans, B.Çorakçı(Öğrenci), 2013

TOPPARE L. K. , Synthesis and electrochemical studies of fluorene and benzimidazole containing conjugated polymers, Yüksek Lisans, İ.NAMAL(Öğrenci), 2013

ÇIRPAN A., TOPPARE L. K. , Ditiyeniyofofen ve benzotriazol içeren konjüge polimerlerin sentezi, karakterizasyonu ve fotovoltayik uygulamaları., Yüksek Lisans, Ş.Can(Öğrenci), 2013

TOPPARE L. K. , Bioactive surface design based on conducting polymers and applications to biosensors, Yüksek Lisans, F.EKİZ(Öğrenci), 2012

TOPPARE L. K. , Spectrophotometric and amperometric biosensors based on conducting polymers of 1-benzyl-2,5-di(thiophen-2-yl)-1H-pyrrole and(4,7-dithien-2-yl-2,1,3-benzothiadiazole), Yüksek Lisans, S.TANRIVERDİ(Öğrenci), 2012

TOPPARE L. K. , Chitosan/alginate asit ve chitosan/p(toluenesulfonik asit) ile elde edilen polimer ağlarının kolesterol oksidaz biyosensörü olarak kullanılması, Yüksek Lisans, E.Yapar(Öğrenci), 2012

TOPPARE L. K. , Konjüge polimerlerin elektromik ve fotovoltayik uygulamaları., Yüksek Lisans, D.Hazar(Öğrenci), 2012

TOPPARE L. K. , Synthesis of electroactive benzimidazole derivatives and their electrochromic properties, Yüksek Lisans,

A.CAN(Öğrenci), 2012

TOPPARE L. K. , Cholesterol biosensors based on polymer networks of chitosan/alginate and chitosan/p(toluenesulfonicacid), Yüksek Lisans, E.YAPAR(Öğrenci), 2012

TOPPARE L. K. , ÇIRPAN A., Electrochemical And Optical Properties Of Solution Processable Benzotriazole And Benzothiadiazole Containing Copolymers, Yüksek Lisans, M.Karakuş(Öğrenci), 2011

TOPPARE L. K. , ÇIRPAN A., Solution Processable Benzotriazole And Fluorene Containing Copolymers For Photovoltaic Applications, Yüksek Lisans, E.Kaya(Öğrenci), 2011

TOPPARE L. K. , Combination of donor characters in donor-acceptor-donor type polymers containing benzothiadiazole and quinoxaline as the acceptor units, Yüksek Lisans, M.ŞENDUR(Öğrenci), 2011

TOPPARE L. K. , Spray processable ambipolar benzotriazole bearing electrochromic polymers with multi-colored and transmissive states, Yüksek Lisans, G.HIZALAN(Öğrenci), 2011

TOPPARE L. K. , Microwave initiated polymerization of trihalophenyleneoxide and aniline, Yüksek Lisans, F.LEVENT(Öğrenci), 2011

TOPPARE L. K. , Toppare L., Dibenzo[a,c]fenazin ve kinoksalin grubuna sahip olan monomerlerin fotosensitizer olarak difenilyodonyum fotobaşlatıcısı ile fotopolimerizasyonları, Yüksek Lisans, M.Kolay(Öğrenci), 2011

HACALOĞLU J., TOPPARE L. K. , Investigation of thermal characteristics of a series of polyoxazolines by direct pyrolysis mass spectrometry, Yüksek Lisans, N.ATILKAN(Öğrenci), 2011

TOPPARE L. K. , Synthesis of benzimidazole containing donor acceptor electrochromic polymers, Yüksek Lisans, H.ZEKİYE(Öğrenci), 2011

TOPPARE L. K. , Syntheses of benzotriazole bearing donor acceptor type random copolymers for full visible light absorption, Yüksek Lisans, G.ÖKTEM(Öğrenci), 2011

HACALOĞLU J., TOPPARE L. K. , Electrochemical polymerization of trihaloalkane monomers to form branched C-backbone polymers, Doktora, Y.NUR(Öğrenci), 2011

TOPPARE L. K. , Benzyl functionalized benzotriazole containing conjugated polymers: Effect of substituent position on electrochromic properties and synthesis of crown ether functionalized electrochromic polymers, Doktora, B.YİĞİTSOY(Öğrenci), 2011

HACALOĞLU J., TOPPARE L. K. , Direkt piroliz kütle spektrometresi ile bir seri poliokzasolinlerin ısıl karakteristiğinin incelenmesi, Yüksek Lisans, N.Atılkan(Öğrenci), 2011

TOPPARE L. K. , Amperometric microbial and enzymatic biosensors based on conducting polymers, Yüksek Lisans, S.TUNÇAĞIL(Öğrenci), 2010

TOPPARE L. K. , Electrochromic and photovoltaic applications of benzotriazole bearing donor acceptor type conjugated polymers, Yüksek Lisans, D.BARAN(Öğrenci), 2010

DOĞAN Ö., TOPPARE L. K. , Synthesis of new ferrocenyl substituted quinoxaline derivative monomers, their polymerization and electrochemical behaviors, Yüksek Lisans, Ş.ÖZDEMİR(Öğrenci), 2010

TOPPARE L. K. , Amperometric cholesterol and alcohol biosensors based on conducting polymers, Doktora, Ö.TÜRKARSLAN(Öğrenci), 2010

TOPPARE L. K. , Tuning the optoelectronic properties of conjugated polymers via donor-acceptor-donor architectures, Doktora, S.TARKUÇ(Öğrenci), 2010

TOPPARE L. K. , Benzotriazol içeren donör akseptör tipi polimerlerin elektrokromik ve fotovoltaik uygulamaları, Yüksek Lisans, D.Baran(Öğrenci), 2010

TOPPARE L. K. , Design and synthesis of novel donor-acceptor type monomers and investigation of optoelectronic properties of their polymers, Doktora, E.KÖSE(Öğrenci), 2010

TOPPARE L. K. , Synthesis and electrochromic properties of conducting polymers of 5,8-Di(pyrrol-2-yl)-2,3-di(thiophen-2-yl) quinoxaline and its copolymers, Yüksek Lisans, A.TUBA(Öğrenci), 2009

TOPPARE L. K. , Synthesis and electrochromic properties of conducting polymers of 4-(2,5-Di(thiophen-2-yl)-1h-pyrrol-1-yl) benzenamine and their use in electrochromic devices, Yüksek Lisans, E.YILDIZ(Öğrenci), 2009

TOPPARE L. K. , İndirgenmiş halinde yeşil polimerik malzemelerin gerçekleştirilmesi, Yüksek Lisans, A.Balan(Öğrenci), 2009

TOPPARE L. K. , Synthesis and electrochromic properties of a multichromic, conducting, soluble polythiophene derivative and its copolymer, Yüksek Lisans, F.ÖZYURT(Öğrenci), 2009

TOPPARE L. K. , Novel donor-acceptor type green polymer bearing pyrrole as the donor unit with excellent switching

times and very low band gap and its multichromic copolymers, Yüksek Lisans, S.ÇELEBİ(Öğrenci), 2009

TOPPARE L. K. , The synthesis of donor-acceptor type electroactive monomers bearing pyrrole and selenophene as the donor moieties and their polymers, Yüksek Lisans, B.EPİK(Öğrenci), 2009

TOPPARE L. K. , Realization of neutral state green polymeric materials, Yüksek Lisans, A.DURMUŞ(Öğrenci), 2009

TOPPARE L. K. , Biosensor based on interpenetrated polymer network of alginic acid and poly (1-vinylimidazole), Yüksek Lisans, M.KARTAL(Öğrenci), 2008

TOPPARE L. K. , Electrochromism with selenophene derivatives, Yüksek Lisans, K.AYDEMİR(Öğrenci), 2008

TOPPARE L. K. , Synthesis of a new conducting polymer based on functionalized anthracene and its uses as an electrochromic device component, Yüksek Lisans, A.GÜL(Öğrenci), 2008

TOPPARE L. K. , A new p and n dopable selenophene derivative and its electrochromic properties, Yüksek Lisans, G.ARDAHAN(Öğrenci), 2008

TOPPARE L. K. , Synthesis and characterization of conducting copolymers of thiophene ended poly (ethyleneoxide): Their electrochromic properties and use in enzyme immobilization, Doktora, H.BEKİR(Öğrenci), 2007

TOPPARE L. K. , Novel donor-acceptor type polymers towards excellent neutral state green polymeric materials for realization of RGB based electrochromic device applications, Yüksek Lisans, G.EMRULLAH(Öğrenci), 2007

TOPPARE L. K. , Tereftalik asit bis-(tiyofen-3-ilmetil) tioesterin iletken kopolimerlerinin ve 1-(4-florofenil)-2,5-di(tiyofen-2-il)-1h-pirolün iletken polimerinin sentezi, karakterizasyonu, elektrokromik özellikleri, Yüksek Lisans, Ö.Türkarslan(Öğrenci), 2006

TOPPARE L. K. , Immobilization of tyrosinase in polysiloxane/polypyrrole copolymer matrices, Yüksek Lisans, A.ARSLAN(Öğrenci), 2006

TOPPARE L. K. , Syntheses of conducting polymers of 3-ester substituted thiophenes and characterization of their electrochromic properties, Doktora, P.ÇAMURLU(Öğrenci), 2006

TOPPARE L. K. , Synthesis of a new thiophene derivative and its uses as an electrochromic device component, Yüksek Lisans, B.YİĞİTSOY(Öğrenci), 2006

TOPPARE L. K. , Synthesis and characterization of a new soluble polythiophene derivative and its electrochromic application, Yüksek Lisans, S.TARKUÇ(Öğrenci), 2006

TOPPARE L. K. , Activity analysis of immobilized tyrosinase enzyme in the presence of different inhibitors, Yüksek Lisans, I.NARLI(Öğrenci), 2006

TOPPARE L. K. , Synthesis of polythiophene and polypyrrole derivatives and their application in electrochromic devices, Doktora, M.AK(Öğrenci), 2006

TOPPARE L. K. , Synthesis and electrochromic properties of conducting polymers of 1-(4-nitrophenyl)-2,5-di(2-thienyl)-1H-pyrrole and their use in electrochromic devices, Yüksek Lisans, S.VARIŞ(Öğrenci), 2006

TOPPARE L. K. , Glukoz oksidaz ve polifenol oksidaz enzimlerinin pirol uçlu polistirenin pirolle oluşturulan iletken kopolimerinde tutuklanması, Yüksek Lisans, O.EKİNCİ(Öğrenci), 2006

TOPPARE L. K. , Synthesis and electrochromic properties of conducting polymers of succinic acid bis-(2-thiophen-3-yl-ethyl) ester and their use in electrochromic devices, Yüksek Lisans, L.SAÇAN(Öğrenci), 2006

TOPPARE L. K. , 1-4-nitrofenil-2,5-di(2-tiyenil)-1H-pirol'ün iletken polimerlerinin sentezi, elektrokromik özellikleri ve elektrokromik cihazlarda kullanımı, Yüksek Lisans, S.Variş(Öğrenci), 2006

TOPPARE L. K. , Synthesis, characterization and electrochromic properties of conducting copolymers of terephthalic acid bis-(thiophen-3-ylmethyl)thioester and conducting polymer of 1-(4-fluorophenyl)-2,5-di(thiophen-2-yl)-1H-pyrrole, Yüksek Lisans, Ö.TÜRKARSLAN(Öğrenci), 2006

TOPPARE L. K. , Tutuklanmış tirozinaz enzimin farklı inhibitörler varlığında aktivite tayini, Yüksek Lisans, I.Narlı(Öğrenci), 2006

TOPPARE L. K. , Immobilization of glucose oxidase and polyphenol oxidase in poly(n-(4-(3-thienyl methylene)-oxycarbonylphenyl) maleimide)-co-pyrrole) matrice, Yüksek Lisans, M.ÇİL(Öğrenci), 2006

TOPPARE L. K. , Immobilization of glucose oxidase and polyphenol oxidase in conducting copolymer of pyrrole functionalized polystyrene with pyrrole, Yüksek Lisans, O.EKİNCİ(Öğrenci), 2006

TOPPARE L. K. , Immobilization of invertase, polyphenol oxidase and glucose oxidase in conducting copolymers of thiophene-capped polytetrahydrofuran and pyrrole, Doktora, A.ELİF(Öğrenci), 2005

TOPPARE L. K. , İvertaz, polifenol oksidaz ve glukoz oksidaz enzimlerinin tiyofen ile sonlandırılmış politetrahidrofuran ile pirolün iletken kopolimerlerinde tutuklanması, Doktora, A.Elif(Öğrenci), 2005

- TOPPARE L. K. , Synthesis and electrochromic properties of conducting copolymers of dioxocino -and dithiocino- quinoxalines with bithiophene, Yüksek Lisans, Ş.BEYAZILDIİM(Öğrenci), 2005
- TOPPARE L. K. , Synthesis of conducting polymers of terephthalic acid bis-(2- thiophen-3-YL-ethyl) ester and investigation of their electrochromic properties, Yüksek Lisans, Y.COŞKUN(Öğrenci), 2004
- HACALOĞLU J., TOPPARE L. K. , Characterization of conducting polymers of ester linkage containing thiophene derivatives via mass spectroscopy, Yüksek Lisans, E.ASLAN(Öğrenci), 2004
- TOPPARE L. K. , Kolesterol fonksiyonlu tiyofen ile iletken kopolimerlerin sentezi ve kolesterol oksidaz emzimi için tutuklama matrisi olarak kullanılması, Doktora, A.Çırpan(Öğrenci), 2004
- TOPPARE L. K. , Synthesis of conducting block copolymers and their use in the immobilization of invertase and polyphenol oxidase enzymes, Doktora, S.KIRALP(Öğrenci), 2004
- TOPPARE L. K. , Poli (oksalik asit ditiyofen-3-il metil ester) ve tiyofenle sonlandırılmış poli-kaprolaktonun sentez ve tanımlanması, Yüksek Lisans, İ.Kerman(Öğrenci), 2004
- TOPPARE L. K. , Synthesis of block conducting copolymers of cholesteryl functionalized thiophene and their use in the immobilization of cholesterol oxidase, Doktora, A.ÇIRPAN(Öğrenci), 2004
- TOPPARE L. K. , İletken aşı kopolimerlerin sentezi ve bunların enzim tutuklama matrisleri olarak kullanımları, Doktora, E.ŞAHMETLİOĞLU(Öğrenci), 2004
- TOPPARE L. K. , ÖZKAN İ., Quantum chemical study of geometries and electronic structures of aromatic five-membered heterocyclic oligomers in the ground and lowest singlet excited states, Yüksek Lisans, N.ÖKSÜZ(Öğrenci), 2004
- TOPPARE L. K. , Tereftalik asit bis-(2-tiyofen-3-il-etil)ester'in iletken polimerlerinin sentezlenmesi ve elektrokromik özelliklerinin incelenmesi, Yüksek Lisans, Y.Coşkun(Öğrenci), 2004
- TOPPARE L. K. , Synthesis and characterization of poly(oxalic acid dithiophen-3-Yl methly ester) and thiophene ended poly-?-caprolactone, Yüksek Lisans, İ.KERMAN(Öğrenci), 2004
- TOPPARE L. K. , Tiyofen uçlu monomerlerin ve polimerlerin iletken kopolimerlerinin sentezi ve karakterizasyonu, Yüksek Lisans, Ö.Papila(Öğrenci), 2003
- TOPPARE L. K. , Synthesis of thiophene capped polytetrahydrofuran conducting copolymers, Yüksek Lisans, E.ÜNÜR(Öğrenci), 2003
- HACALOĞLU J., TOPPARE L. K. , Synthesis of conducting copolymer of succinic acid bis-(pyrrolyl-phenyl) ester with thiophene, Yüksek Lisans, M.ERTAŞ(Öğrenci), 2003
- TOPPARE L. K. , Synthesis and characterization of thiophen -3-yl acetic acid 4-pyrrol -1-yl phenyl ester and its conducting polymers, Yüksek Lisans, B.BİNGÖL(Öğrenci), 2003
- TOPPARE L. K. , Synthesis and characterization of a random copolymer having variable thiophene units on the backbone, Yüksek Lisans, Y.GÜNER(Öğrenci), 2003
- TOPPARE L. K. , Synthesis and characterization of conducting copolymers of carboxylic acid multithiophene functionalized monomers, Yüksek Lisans, U.BULUT(Öğrenci), 2003
- TOPPARE L. K. , Synthesis characterization of conducting copolymers of thiophene functionalized monomers and polymers, Yüksek Lisans, Ö.PAPILA(Öğrenci), 2003
- TOPPARE L. K. , YILMAZ L., Gas permeation properties of poly (arylene ether ketone) and its mixed matrix membranes with polypyrrole, Yüksek Lisans, G.MERGEN(Öğrenci), 2003
- TOPPARE L. K. , YILMAZ L., Poliarileneteketon membranların ve polipirollü karışık yapılı membranlarının gaz geçirgenlik özellikleri, Yüksek Lisans, G.Mergen(Öğrenci), 2003
- TOPPARE L. K. , Immobilization of invertase and glucose oxidase in poly 2-methylbutyl-2-(3-thienyl) acetate/ polypyrrole matrices, Yüksek Lisans, S.İŞİK(Öğrenci), 2002
- TOPPARE L. K. , Immobilization of invertase and glucose oxidase in conducting m-type polysiloxane/ polypyrrole block copolymer matrices, Yüksek Lisans, A.GÜRSEL(Öğrenci), 2002
- TOPPARE L. K. , Toppare L., Tek ucu tiyofen ile sonlandırılmış polimetilmetakrilat ile pirolün iletken kopolimerleri ve enzim tutuklama matrisi olarak kullanımları, Doktora, S.Alkan(Öğrenci), 2002
- HACALOĞLU J., TOPPARE L. K. , Synthesis of blocks copolymers of (S)-2-methylbutyl 2-(3-thienyl) acetate and its characterization via pyrolysis mass spectrometry, Yüksek Lisans, A.LEVENT(Öğrenci), 2002
- TOPPARE L. K. , Investigation of pyrrole end capped polytetrahydrofuran graft copolymers via mass spectrometry, Yüksek Lisans, C.ÖZDİLEK(Öğrenci), 2001
- TOPPARE L. K. , YILMAZ L., Effect of preparation parameters on performance of dense homogeneous polycarbonate and

polypyrrole-polycarbonate mixed matrix membranes, Yüksek Lisans, P.HACARLIOĞLU(Öğrenci), 2001
TINCER İ. T. , TOPPARE L. K. , Mechanical properties of graft copolymers of polypyrrole, Yüksek Lisans, C.BİRAN(Öğrenci), 2001
TOPPARE L. K. , Synthesis and characterization of conducting polysiloxane-polypyrrole graft copolymers, Yüksek Lisans, Ö.GÜNAYDIN(Öğrenci), 2001
AKBULUT U., TOPPARE L. K. , Immobilization of saccharomyces cerevisiae in graft copolymers of pyrrole, Yüksek Lisans, Z.BALCI(Öğrenci), 2001
TINCER İ. T. , TOPPARE L. K. , Preparation of a conducting flexible material from silane coupling agent and hydroxyl terminated polybutadiene rubber by hydrolysis and condensation, Yüksek Lisans, Y.KARATAŞ(Öğrenci), 2001
TOPPARE L. K. , Immobilization of glucose oxidase enzyme in conducting graft copolymers of pyrrole, Yüksek Lisans, S.TİRKEŞ(Öğrenci), 2001
TOPPARE L. K. , Immobilization of invertase in pyrrole capped polyazotetrahydrofuran/polypyrrole and polytetrahydrofuran-block-polystyrene/polypyrrole conducting gr..., Yüksek Lisans, R.ERGİNER(Öğrenci), 2000
TOPPARE L. K. , Synthesis of conducting graft copolymers of 2-(N-pyrroly)ethylvinylether with pyrrole, Yüksek Lisans, B.BENGÜ(Öğrenci), 2000
HACALOĞLU J., TOPPARE L. K. , Structural investigation of conducting polymer graft of pyrrole via mass spectrometry, Yüksek Lisans, T.UYAR(Öğrenci), 2000
TOPPARE L. K. , Conducting graft copolymers of polytetrahydrofuran polystyrene with polypyrrole, Yüksek Lisans, S.ÖZTEMİZ(Öğrenci), 1999
TOPPARE L. K. , Conducting polymers of N-pyrrolyl ethyevinyl ether and polysiloxones, Yüksek Lisans, E.KALAYCIOĞLU(Öğrenci), 1999
TOPPARE L. K. , Conducting copolymers of polypyrrole/polytetrahydrofuran and immobilization of invertase in these matrices, Yüksek Lisans, N.KIZILYAR(Öğrenci), 1998
TOPPARE L. K. , Conducting polymers and composites of pyrrole and their uses as sensors, Doktora, F.SELAMPINAR(Öğrenci), 1997
TOPPARE L. K. , Conducting polymer composites of polypyrrole and polyindne, Yüksek Lisans, A.BOZKURT(Öğrenci), 1996
AKBULUT U., TOPPARE L. K. , Electrochemically obtained insulating and conducting polymers and composites of acrylonitrile, Doktora, B.YURTTAŞ(Öğrenci), 1996
TOPPARE L. K. , Semiempirical calculations on the polymerization mechanism of throphere and some derivatives, Yüksek Lisans, G.KILIÇ(Öğrenci), 1995
AKBULUT U., TOPPARE L. K. , Synthesis of polythiophene conducting polymer composites, Yüksek Lisans, F.VATANSEVER(Öğrenci), 1995
TOPPARE L. K. , A Theoretical investigation of the interaction between conducting and insulating polyness, Yüksek Lisans, S.BAHÇECİ(Öğrenci), 1995
TOPPARE L. K. , Synthesis of polypyrrole conducting polymer composites, Yüksek Lisans, F.SELAMPINAR(Öğrenci), 1993
TOPPARE L. K. , Electroinitiated polymerization of acrylamide, acrolein and copolymerization, Doktora, B.HACIOĞLU(Öğrenci), 1988

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- I. **Highly conjugated visible and near-infrared light photoinitiating systems for radical and cationic polymerizations**
Suerkan A., Alkan E. A. , Kaya K., UDUM Y., TOPPARE L. K. , Yağcı Y.
Progress in Organic Coatings, cilt.154, 2021 (SCI Expanded İndekslerine Giren Dergi)
- II. **Altering Electronic and Optical Properties of Novel Benzothiadiazole Comprising Homopolymers via pi Bridges**
Karaman C., Goeker S., Hacıoglu S. O. , Hacıfendioglu T., YILDIRIM E., TOPPARE L. K.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.168, sa.3, 2021 (SCI İndekslerine Giren Dergi)
- III. **ProTOT: Synthesis of the missing member of the 3,4-chalcogen substituted bridged thiophenes and**

its utilization in donor-acceptor polymers

Yaylali F. V. , Ozel H., UDUM Y., TOPPARE L. K. , Soylemez S., GÜNBAŞ E. G.

Polymer, cilt.212, 2021 (SCI Expanded İndekslerine Giren Dergi)

- IV. **Indenoquinaxalinone based conjugated polymer substrate for laccase biosensor**
Cevher Ş. C. , Bekmezci S. A. , SaniyeSoylemez S., Udum Y. A. , Toppare L. K. , ÇIRPAN A.
MATERIALS CHEMISTRY AND PHYSICS, cilt.257, 2021 (SCI İndekslerine Giren Dergi)
- V. **Construction of amperometric biosensor modified with conducting polymer/carbon dots for the analysis of catechol**
Yasa M., Deniz A., Forough M., YILDIRIM E., PERSİL ÇETİNKOL Ö., Udum Y. A. , TOPPARE L. K.
Journal of Polymer Science, cilt.58, sa.23, ss.3336-3348, 2020 (SCI Expanded İndekslerine Giren Dergi)
- VI. **Construction of amperometric biosensor modified with conducting polymer/carbon dots for the analysis of catechol**
Yaşa M., Deniz A., Forough M., Yildirim E., Cetinkol O. P. , Arslan Udum Y., Toppare L. K.
JOURNAL OF POLYMER SCIENCE, cilt.58, ss.3336-3348, 2020 (SCI İndekslerine Giren Dergi)
- VII. **Electrical characteristics of organic heterojunction with an alternating benzotriazole and fluorene containing copolymer**
Gullu H., Yildiz D., TOPPARE L. K. , ÇIRPAN A.
Journal of Materials Science: Materials in Electronics, cilt.31, sa.21, ss.18816-18831, 2020 (SCI İndekslerine Giren Dergi)
- VIII. **A comprehensive study: Theoretical and experimental investigation of heteroatom and substituent effects on frontier orbitals and polymer solar cell performances**
Cevher Ş. C. , Hizalan G., Alemdar Yilmaz E., Cevher D., Udum Arslan Y., Toppare L., Yıldırım E., Çırpan A.
JOURNAL OF POLYMER SCIENCE, cilt.58, sa.19, ss.2792-2806, 2020 (SCI İndekslerine Giren Dergi)
- IX. **Tailoring optoelectronic properties of thieno[3,2-b]thiophene comprising homopolymers via electron acceptor moieties: thienopyrrolodione, 2,1,3-benzoselenadiazole, isoindigo**
Göker S., Sarigül H., Toppare L. K.
Journal of Electroanalytical Chemistry, cilt.873, 2020 (SCI İndekslerine Giren Dergi)
- X. **Narrow band gap benzodithiophene and quinoxaline bearing conjugated polymers for organic photovoltaic applications**
Caliskan M., Erer M. C. , Aslan S., Udum Y. A. , Toppare L., Çırpan A.
Dyes and Pigments, cilt.180, 2020 (SCI Expanded İndekslerine Giren Dergi)
- XI. **Analysis of temperature-dependent forward and leakage conduction mechanisms in organic thin film heterojunction diode with fluorine-based PCBM blend**
Yildiz D. E. , Gullu H. H. , Toppare L., Çirpan A.
Journal of Materials Science: Materials in Electronics, cilt.31, sa.18, ss.15233-15242, 2020 (SCI Expanded İndekslerine Giren Dergi)
- XII. **Enhancing electrochemical and electrochromic performances of carbazole comprising monomer via copolymerization with 3,4-ethylenedioxythiophene (EDOT)**
Kalay I., Yigit D., GÜLLÜ M., DEPCİ T., Toppare L., Hacıoglu S. O.
SYNTHETIC METALS, cilt.267, 2020 (SCI İndekslerine Giren Dergi)
- XIII. **Synthesis, electrochromic characterization and solar cell application of thiophene bearing alternating copolymers with azobenzene and coumarin subunits**
Kalay H., Yiğit D., Hizalan G., Güllü M., Depci T., ÇIRPAN A., Toppare L. K. , Hacıoglu S. O.
Journal of Macromolecular Science, Part A: Pure and Applied Chemistry, cilt.57, sa.8, ss.589-599, 2020 (SCI İndekslerine Giren Dergi)
- XIV. **Selenophene-bearing low-band-gap conjugated polymers: tuning optoelectronic properties via fluorene and carbazole as donor moieties**
Yasa M., GÖKER S., Toppare L.
POLYMER BULLETIN, cilt.77, sa.5, ss.2443-2459, 2020 (SCI İndekslerine Giren Dergi)
- XV. **Synthesis and characterization of optical, electrochemical and photovoltaic properties of selenophene bearing benzodithiophene based alternating polymers**

- Atli G. O. , Yilmaz E., Aslan S., Udum Y. A. , Toppare L. K. , ÇIRPAN A.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.862, 2020 (SCI İndekslerine Giren Dergi)
- XVI. **The impact of [1,2,5]chalcogenazolo[3,4-f]-benzo[1,2,3]triazole structure on the optoelectronic properties of conjugated polymers**
Alkan E. A. , GÖKER S., Sarigul H., YILDIRIM E., Udum Y. A. , Toppare L.
JOURNAL OF POLYMER SCIENCE, cilt.58, sa.7, ss.956-968, 2020 (SCI İndekslerine Giren Dergi)
- XVII. **Synthesis of a Multifunctional Quinoxaline and Benzodithiophene Bearing Polymer and Its Electrochromic Device Applications**
Yasa M., Surmeli S., DEPCİ T., Toppare L., Hacıoğlu S. O.
MACROMOLECULAR CHEMISTRY AND PHYSICS, cilt.221, sa.6, 2020 (SCI İndekslerine Giren Dergi)
- XVIII. **Graphene oxide-doped PEDOT:PSS as hole transport layer in inverted bulk heterojunction solar cell**
Ozcan S., ERER M. C. , Vempati S., Uyar T., Toppare L. K. , ÇIRPAN A.
Journal of Materials Science: Materials in Electronics, cilt.31, sa.4, ss.3576-3584, 2020 (SCI İndekslerine Giren Dergi)
- XIX. **A new ethanol biosensor based on polyfluorene-g-poly(ethylene glycol) and multiwalled carbon nanotubes**
Bekmezci S. A. , SÖYLEMEZ S., Yilmaz G., Udum Y. A. , Yağcı Y., Toppare L.
EUROPEAN POLYMER JOURNAL, cilt.122, 2020 (SCI İndekslerine Giren Dergi)
- XX. **Investigation of Optical and Electrochemical Properties of Benzene Based Solution Processable 2,1,3-Benzooxadiazole Comprising Polymers**
GÖKER S., Hizalan G., Hacıoğlu S. O. , Toppare L.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.167, sa.12, 2020 (SCI İndekslerine Giren Dergi)
- XXI. **Fabrication of a Novel Polymeric Scaffold for Amperometric Laccase Biosensor**
Soylemez S., Bekmezci A., Göker S., Toppare L.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.57, sa.23, ss.2333-2339, 2019 (SCI İndekslerine Giren Dergi)
- XXII. **Syntheses and Characterization of Benzotriazole, Thienopyrroledione, and Benzodithiophene Containing Conjugated Random Terpolymers for Organic Solar Cells**
Toppare L. K. , Çirpan A., Hizalan G., Arslan Udum Y., Özdemir Hacıoğlu Ş., Cevher Ş. C. , A A., Göksu K.
Journal Of The Electrochemical Society, cilt.166, sa.15, ss.849-859, 2019 (SCI İndekslerine Giren Dergi)
- XXIII. **Syntheses and Characterization of Benzotriazole, Thienopyrroledione, and Benzodithiophene Containing Conjugated Random Terpolymers for Organic Solar Cells**
Goksu K., Hizalan G., Udum Y. A. , Hacıoğlu S. O. , Cevher S. C. , Akrema A., Toppare L. K. , ÇIRPAN A.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.166, sa.15, 2019 (SCI İndekslerine Giren Dergi)
- XXIV. **A thiazolothiazole containing multichromic polymer for glucose detection**
Soylemez S., Kaya H. Z. , Udum Y. A. , TOPPARE L. K.
EXPRESS POLYMER LETTERS, cilt.13, sa.10, ss.845-857, 2019 (SCI İndekslerine Giren Dergi)
- XXV. **A newly designed anthracene and isoindigo based polymer: synthesis, electrochemical characterization and biosensor applications**
Soylemez S., Goker S., Toppare L.
NEW JOURNAL OF CHEMISTRY, cilt.43, sa.35, ss.13979-13984, 2019 (SCI İndekslerine Giren Dergi)
- XXVI. **Thiadiazoloquinoxaline and benzodithiophene bearing polymers for electrochromic and organic photovoltaic applications**
Hacıoğlu S. O. , Ataoglu E., Hizalan G., Depci T., ÇIRPAN A., Toppare L. K.
PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, cilt.194, sa.9, ss.937-946, 2019 (SCI İndekslerine Giren Dergi)
- XXVII. **Tuning molecular energy levels and band gap of two-dimensional benzo[1,2-b:4,5-b'] dithiophene and quinoxaline bearing polymers**
Yasa M., Goker S., Udum Y., Toppare L.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.847, 2019 (SCI İndekslerine Giren Dergi)
- XXVIII. **Conjugated polymers with benzothiadiazole and benzotriazole moieties for polymer solar cells**

- Keles D., ERER M. C. , Bolayir E., CEVHER Ş. C. , Hizalan G., Toppare L. K. , ÇIRPAN A.
RENEWABLE ENERGY, cilt.139, ss.1184-1193, 2019 (SCI İndekslerine Giren Dergi)
- XXIX. **A promising enzyme anchoring probe for selective ethanol sensing in beverages**
Soylemez S., Goker S., Toppare L.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.133, ss.1228-1235, 2019 (SCI İndekslerine Giren Dergi)
- XXX. **A novel multi-electrochromic polymer based on selenophene and benzotriazole via electrochemical and chemical polymerization**
Toppare L. K. , Demir F., Keleş D., Karadağ A., Çırpan A.
JOURNAL OF MACROMOLECULAR SCIENCE-CHEMISTRY, cilt.56, ss.197-205, 2019 (SCI İndekslerine Giren Dergi)
- XXXI. **Conjugated Polymers with Benzothiadiazole and Benzotriazole Moieties for Polymer Solar Cells**
Toppare L. K. , Erer M., Bolayir E., Cevher Ş. C. , Hizalan G., Çırpan A.
RENEWABLE ENERGY, cilt.139, ss.1184-1193, 2019 (SCI İndekslerine Giren Dergi)
- XXXII. **A novel multi-electrochromic polymer based on selenophene and benzotriazole via electrochemical and chemical polymerization**
Demir F., Keles D., Karabag A., ÇIRPAN A., Toppare L. K.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.56, sa.3, ss.197-205, 2019 (SCI İndekslerine Giren Dergi)
- XXXIII. **A multipurpose conjugated polymer: Electrochromic device and biosensor construction for glucose detection**
Soylemez S., Kaya H. Z. , Udum Y., Toppare L. K.
ORGANIC ELECTRONICS, cilt.65, ss.327-333, 2019 (SCI İndekslerine Giren Dergi)
- XXXIV. **Biosensing Devices: Conjugated Polymer Based Scaffolds**
Soylemez S., Kesika M., Toppare L.
ENCYCLOPEDIA OF POLYMER APPLICATIONS, VOLS I-III, ss.360-386, 2019 (SCI İndekslerine Giren Dergi)
- XXXV. **Application of an Efficient Amperometric Glucose Sensing Electrode Based on a Bilayer Polymer Film Platform**
Kaya H. Z. , Söylemez S., Udum Y. A. , Toppare L.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.165, 2018 (SCI İndekslerine Giren Dergi)
- XXXVI. **Alkyl-end phenanthroimidazole modification of benzotriazole based conjugated polymers for optoelectronic applications**
Cevher Ş. C. , Keles D., Hizalan G., Toppare L., Çırpan A.
Synthetic Metals, cilt.244, ss.1-9, 2018 (SCI İndekslerine Giren Dergi)
- XXXVII. **Fabrication of a promising immobilization platform based on electrochemical synthesis of a conjugated polymer**
Buber E., SÖYLEMEZ S., UDUM Y., TOPPARE L. K.
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.167, ss.392-396, 2018 (SCI İndekslerine Giren Dergi)
- XXXVIII. **A new NIR absorbing DPP-based polymer for thick organic solar cells**
Oklem G., Song X., Toppare L., Baran D., GÜNBAŞ E. G.
JOURNAL OF MATERIALS CHEMISTRY C, cilt.6, sa.12, ss.2957-2961, 2018 (SCI İndekslerine Giren Dergi)
- XXXIX. **A Novel Blue to Transparent Polymer for Electrochromic Supercapacitor Electrodes**
YUKSEL R., EKBER A., TURAN J., ALPUGAN E., HACIOGLU S. O. , TOPPARE L. K. , ÇIRPAN A., GUNBAS G., ÜNALAN H. E.
ELECTROANALYSIS, cilt.30, sa.2, ss.266-273, 2018 (SCI İndekslerine Giren Dergi)
- XL. **High stability of benzotriazole and benzodithiophene containing medium band-gap polymer solar cell**
Unay H., Benatto G. A. D. R. , Beliatis M. J. , Gevorgyan S. A. , Kavak P., Memis S., Çırpan A., Toppare L., Parlak E. A. , Krebs F. C.
SOLAR ENERGY MATERIALS AND SOLAR CELLS, cilt.174, ss.433-444, 2018 (SCI İndekslerine Giren Dergi)
- XLI. **A miniature and low-cost glucose measurement system**
Adams S. D. , Buber E., Bicak T. C. , Yager Y., TOPPARE L. K. , Kaynak A., Kouzani A. Z.

- BIOCYBERNETICS AND BIOMEDICAL ENGINEERING, cilt.38, sa.4, ss.841-849, 2018 (SCI İndekslerine Giren Dergi)
- XLII. **Efficient benzodithiophene and thienopyrroledione containing random polymers as components for organic solar cells**
Azeri O., Aktas E., Istanbuluoglu C., Hacioğlu S. O. , CEVHER Ş. C. , Toppare L., ÇIRPAN A.
POLYMER, cilt.133, ss.60-67, 2017 (SCI İndekslerine Giren Dergi)
- XLIII. **Enhancing the power conversion efficiency of polymer solar cells via selection of quinoxaline substituents**
KARAGACTI O., CEVHER Ş. C. , HIZALAN G., HACIOĞLU S. O. , TOPPARE L., ÇIRPAN A.
NEW JOURNAL OF CHEMISTRY, cilt.41, sa.23, ss.14635-14645, 2017 (SCI İndekslerine Giren Dergi)
- XLIV. **Synthesis of bistriphenylamine- and benzodithiophene-based random conjugated polymers for organic photovoltaic applications**
CETIN A., ISTANBULLUOĞLU C., HACIOĞLU S. O. , CEVHER Ş. C. , Toppare L., ÇIRPAN A.
Journal of Polymer Science, Part A: Polymer Chemistry, cilt.55, sa.22, ss.3705-3715, 2017 (SCI İndekslerine Giren Dergi)
- XLV. **Polymerization and biosensor application of water soluble peptide-SNS type monomer conjugates**
SÖYLEMEZ S., YILMAZ T., BÜBER E., Udum Y. A. , ÖZÇUBUKÇU S., Toppare L.
JOURNAL OF MATERIALS CHEMISTRY B, cilt.5, sa.35, ss.7384-7392, 2017 (SCI İndekslerine Giren Dergi)
- XLVI. **Triphenylamine Based Random Copolymers: The Effect of Molecular Weight on Performance of Solar Cell and Optoelectronic Properties**
Goker S., HACIOĞLU S. O. , HIZALAN G., AKTAS E., ÇIRPAN A., TOPPARE L.
MACROMOLECULAR CHEMISTRY AND PHYSICS, cilt.218, sa.18, 2017 (SCI İndekslerine Giren Dergi)
- XLVII. **A bio-sensing platform utilizing a conjugated polymer, carbon nanotubes and PAMAM combination**
Buber E., Kesik M., Soylemez S., TOPPARE L. K.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.799, ss.370-376, 2017 (SCI İndekslerine Giren Dergi)
- XLVIII. **Quaternized Polymer-Single-Walled Carbon Nanotube Scaffolds for a Chemiresistive Glucose Sensor**
Soylemez S., Yoon B., Toppare L., Swager T. M.
ACS SENSORS, cilt.2, sa.8, ss.1123-1127, 2017 (SCI İndekslerine Giren Dergi)
- XLIX. **Poly(o-aminophenol) prepared by Cu(II) catalyzed air oxidation and its use as a bio-sensing architecture**
Bicak T. C. , Soylemez S., Buber E., Toppare L., Yağcı Y.
POLYMER CHEMISTRY, cilt.8, sa.26, ss.3881-3888, 2017 (SCI İndekslerine Giren Dergi)
- L. **A triazoloquinoxaline and benzodithiophene bearing low band gap copolymer for electrochromic and organic photovoltaic applications**
HACIOĞLU S. O. , UNLU N. A. , AKTAS E., HIZALAN G., Yıldiz E. D. , ÇIRPAN A., TOPPARE L.
SYNTHETIC METALS, cilt.228, ss.111-119, 2017 (SCI İndekslerine Giren Dergi)
- LI. **A New High-Performance Blue to Transmissive Electrochromic Material and Use of Silver Nanowire Network Electrodes as Substrates**
YÜKSEL R., ATAĞLU E., TURAN J., ALPUGAN E., HACIOĞLU S. O. , TOPPARE L., ÇIRPAN A., ÜNALAN H. E. , GUNBAS G.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.55, sa.10, ss.1680-1686, 2017 (SCI İndekslerine Giren Dergi)
- LII. **Effect of layer thickness on the electrical parameters and conduction mechanisms of conjugated polymer-based heterojunction diode**
Yildiz D. E. , APAYDIN D. H. , TOPPARE L. K. , ÇIRPAN A.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.134, sa.19, 2017 (SCI İndekslerine Giren Dergi)
- LIII. **Photovoltaic Properties of Poly(Triphenylamine-Thiazolo[5,4-d] Thiazole) Copolymer Dye in Bulk-Heterojunction Organic Solar Cells**
Olgun U., Gulfen M., HIZALAN G., ÇIRPAN A., TOPPARE L.
JOURNAL OF POLYMER MATERIALS, cilt.34, sa.2, ss.391-403, 2017 (SCI İndekslerine Giren Dergi)
- LIV. **A novel approach for the fabrication of a flexible glucose biosensor: The combination of vertically aligned CNTs and a conjugated polymer**

GOKOGLAN T. C. , SOYLEMEZ S., KESİK M., DOGRU I. B. , TUREL O., YÜKSEL R., ÜNALAN H. E. , TOPPARE L.
FOOD CHEMISTRY, cilt.220, ss.299-305, 2017 (SCI İndekslerine Giren Dergi)

- LIV. **Simultaneous and Sequential Synthesis of Polyaniline-g-poly(ethylene glycol) by Combination of Oxidative Polymerization and CuAAC Click Chemistry: A Water-Soluble Instant Response Glucose Biosensor Material**
Bicak T. C. , Gicevicius M., Gokoglan T. C. , Yilmaz G., Ramanavicius A., TOPPARE L. K. , Yağcı Y.
MACROMOLECULES, cilt.50, sa.5, ss.1824-1831, 2017 (SCI İndekslerine Giren Dergi)
- LVI. **Multipurpose selenophene containing conjugated polymers for optoelectronic applications**
ONK I., HIZALAN G., CEVHER Ş. C. , HACIOGLU S. O. , Toppare L., ÇIRPAN A.
Journal of Macromolecular Science, Part A: Pure and Applied Chemistry, cilt.54, sa.3, ss.133-139, 2017 (SCI İndekslerine Giren Dergi)
- LVII. **Construction and amperometric biosensing performance of a novel platform containing carbon nanotubes-zinc phthalocyanine and a conducting polymer**
Buber E., Yuzer A., Soylemez S., Kesik M., Ince M., Toppare L.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.96, ss.61-69, 2017 (SCI İndekslerine Giren Dergi)
- LVIII. **Random copolymers of 1,2,3-benzotriazole and alkoxy-modified naphtho[2,3-b:3,4-b']dithiophene: Syntheses, characterization and optoelectronic properties**
Isik E., Goker S., Hizalan G., Hacıoglu S. O. , TOPPARE L. K.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.786, ss.50-57, 2017 (SCI İndekslerine Giren Dergi)
- LIX. **Benzodithiophene and Benzotriazole Bearing Conjugated Polymers for Electrochromic and Organic Solar Cell Applications**
UNLU N. A. , HACIOGLU S. O. , HIZALAN G., Yildiz D. E. , TOPPARE L., ÇIRPAN A.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.164, sa.6, 2017 (SCI İndekslerine Giren Dergi)
- LX. **Sequential Deposition of Electrochromic MoO₃ Thin Films with High Coloration Efficiency and Stability**
Turel O., Hacıoglu S. O. , Coskun S., Toppare L., ÜNALAN H. E.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.164, sa.14, 2017 (SCI İndekslerine Giren Dergi)
- LXI. **Paper Based Glucose Biosensor Using Graphene Modified with a Conducting Polymer and Gold Nanoparticles**
GOKOGLAN T. C. , KESİK M., SOYLEMEZ S., YÜKSEL R., ÜNALAN H. E. , TOPPARE L.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.164, sa.6, 2017 (SCI İndekslerine Giren Dergi)
- LXII. **Silver Nanowire/Conducting Polymer Nanocomposite Electrochromic Supercapacitor Electrodes**
YÜKSEL R., COŞKUN S., GUNBAS G., ÇIRPAN A., TOPPARE L., ÜNALAN H. E.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.164, sa.4, 2017 (SCI İndekslerine Giren Dergi)
- LXIII. **2,1,3-Benzooxadiazole, thiophene and benzodithiophene based random copolymers for organic photovoltaics: thiophene versus thieno[3,2-b]thiophene as pi-conjugated linkers**
Goker S., HIZALAN G., AKTAS E., KUTKAN S., ÇIRPAN A., TOPPARE L.
NEW JOURNAL OF CHEMISTRY, cilt.40, sa.12, ss.10455-10464, 2016 (SCI İndekslerine Giren Dergi)
- LXIV. **Effect of substituent groups on quinoxaline-based random copolymers on the optoelectronic and photovoltaic properties**
CEVHER Ş. C. , HIZALAN G., TEMİZ C., Udum Y. A. , TOPPARE L., ÇIRPAN A.
POLYMER, cilt.101, ss.208-216, 2016 (SCI İndekslerine Giren Dergi)
- LXV. **A photoelectrochemical device for water splitting using oligoaniline-crosslinked [Ru(bpy)(2)(bpyCONHArNH(2))](+2) dye/IrO₂ nanoparticle array on TiO₂ photonic crystal modified electrode**
YILDIZ H. B. , Carbas B. B. , Sonmezoglu S., KARAMAN M., Toppare L.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, cilt.41, sa.33, ss.14615-14629, 2016 (SCI İndekslerine Giren Dergi)
- LXVI. **Incorporation of Different Conjugated Linkers into Low Band Gap Polymers Based on 5,6-Bis(octyloxy)-2,1,3 benzooxadiazole for Tuning Optoelectronic Properties**
Goker S., HIZALAN G., KUTKAN S., Udum Y. A. , ÇIRPAN A., TOPPARE L.

JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.54, sa.16, ss.2459-2467, 2016 (SCI İndekslerine Giren Dergi)

- LXVII. **An effective surface design based on a conjugated polymer and silver nanowires for the detection of paraoxon in tap water and milk**
Turan J, Kesik M, SÖYLEMEZ S, Goker S, Coskun S, ÜNALAN H. E. , TOPPARE L. K.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.228, ss.278-286, 2016 (SCI İndekslerine Giren Dergi)
- LXVIII. **Preparation and Characterization of a Novel Solid-Phase Microextraction Material for Application to the Determination of Pesticides**
Dizdas T. N. , Pelit F. O. , KORBA K., PELİT L., Kanik F. E. , Toppare L., ERTAŞ H., ERTAŞ F. N.
ANALYTICAL LETTERS, cilt.49, sa.7, ss.907-916, 2016 (SCI İndekslerine Giren Dergi)
- LXIX. **Synthesis and spectroelectrochemical characterization of multi-colored novel poly(3,6-dithienylcarbazole) derivatives containing azobenzene and coumarin chromophore units**
Yigit D., Hacıoğlu S. O. , GÜLLÜ M., Toppare L.
ELECTROCHIMICA ACTA, cilt.196, ss.140-152, 2016 (SCI İndekslerine Giren Dergi)
- LXX. **A Novel Acetylcholinesterase Biosensor: Core-Shell Magnetic Nanoparticles Incorporating a Conjugated Polymer for the Detection of Organophosphorus Pesticides**
Cancar H. D. , SÖYLEMEZ S., AKPINAR Y., KESİK M., Goker S., Gunbas G., VOLKAN M., Toppare L.
ACS APPLIED MATERIALS & INTERFACES, cilt.8, sa.12, ss.8058-8067, 2016 (SCI İndekslerine Giren Dergi)
- LXXI. **Incorporation of different conjugated linkers into low band gap polymers based on 5,6-bis(octyloxy)-2,1,3 benzooxadiazole for tuning efficiency of organic photovoltaics**
Goker S, Hizalan G., Udum Y. A. , Toppare L.
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, cilt.251, 2016 (SCI İndekslerine Giren Dergi)
- LXXII. **Synthesis and characterization of conducting polymers containing polypeptide and ferrocene side chains as ethanol biosensors**
Kesik M., Akbulut H., Soylemez S., Cevher S. C. , Hizalan G., Udum Y. A. , Endo T., Yamada S., Cirpan A., Yagci Y., et al.
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, cilt.251, 2016 (SCI İndekslerine Giren Dergi)
- LXXIII. **Comparative cell adhesion properties of cysteine extended peptide architectures**
SÖYLEMEZ S., Demir B., Eyrilmez G. O. , Kesici S., SAYLAM A., Demirkol D. O. , ÖZÇUBUKÇU S., TİMUR S., Toppare L.
RSC ADVANCES, cilt.6, sa.4, ss.2695-2702, 2016 (SCI İndekslerine Giren Dergi)
- LXXIV. **Syntheses and Electrochemical Characterization of Low Oxidation Potential Nitrogen Analogs of Pedot as Electrochromic Materials**
Hacıoğlu S. O. , Yigit D., Ermis E., Soylemez S., GÜLLÜ M., TOPPARE L. K.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.163, sa.10, 2016 (SCI İndekslerine Giren Dergi)
- LXXV. **Syntheses, electrochemical and spectroelectrochemical characterization of benzothiadiazole and benzoselenadiazole based random copolymers**
Kutkan S., Goker S., Hacıoğlu S. O. , TOPPARE L. K.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.53, sa.8, ss.475-483, 2016 (SCI İndekslerine Giren Dergi)
- LXXVI. **Electrosynthesis and characterization of an electrochromic material containing biscarbazole-oxadiazole units and its application in an electrochromic device**
UDUM Y., HIZLIATEŞ C. G. , Ergun Y., Toppare L.
THIN SOLID FILMS, cilt.595, ss.61-67, 2015 (SCI İndekslerine Giren Dergi)
- LXXVII. **A benzimidazole-based conducting polymer and a PMMA-clay nanocomposite containing biosensor platform for glucose sensing**
EMRE F. B. , Kesik M., Kanik F. E. , Akpinar H. Z. , Aslan-Gurel E., Rossi R. M. , TOPPARE L. K.
SYNTHETIC METALS, cilt.207, ss.102-109, 2015 (SCI İndekslerine Giren Dergi)
- LXXVIII. **The effect of the different donor units on fluorescent conjugated polymers containing 2,1,3-benzooxadiazole as the acceptor unit**
Goker S, Hizalan G., Ileri M., Hacıoğlu S. O. , TOPPARE L. K.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.751, ss.80-89, 2015 (SCI İndekslerine Giren Dergi)
- LXXIX. **SELENOPHENE AS A BRIDGE IN MOLECULAR ARCHITECTURE OF BENZOTRIAZOLE CONTAINING**

CONJUGATED COPOLYMERS TO GAIN INSIGHT ON OPTICAL AND ELECTROCHEMICAL PROPERTIES OF POLYMERS

UNAY H., UNLU N. A. , HIZALAN G., HACIOGLU S. O. , TOPPARE L., ÇIRPAN A.

PHOSPHORUS SULFUR AND SILICON AND THE RELATED ELEMENTS, cilt.190, sa.8, ss.1294-1306, 2015 (SCI İndekslerine Giren Dergi)

- LXXX. **Syntheses and Optical Properties of Perfluorophenyl Containing Benzimidazole Derivatives: The Effect of Donor Units**
ILERI M., HACIOGLU S. O. , ÇIRPAN A., TOPPARE L.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.52, sa.7, ss.510-516, 2015 (SCI İndekslerine Giren Dergi)
- LXXXI. **Silafluorene-based polymers for electrochromic and polymer solar cell applications**
ERLIK O., UNLU N. A. , HIZALAN G., HACIOGLU S. O. , COMEZ S., Yildiz E. D. , TOPPARE L., ÇIRPAN A.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.53, sa.13, ss.1541-1547, 2015 (SCI İndekslerine Giren Dergi)
- LXXXII. **Electrochemical and optical properties of a conducting polymer and its use in a novel biosensor for the detection of cholesterol**
SÖYLEMEZ S., UDUM Y., Kesik M., HIZLIATEŞ C. G. , ERGÜN M. Y. , TOPPARE L. K.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.212, ss.425-433, 2015 (SCI İndekslerine Giren Dergi)
- LXXXIII. **ETHANOL BIOSENSOR BASED ON IMMOBILIZATION OF ALCOHOL OXIDASE IN A CONDUCTING POLYMER MATRIX VIA CROSSLINKING WITH GLUTARALDEHYDE**
KURBANOĞLU S., Toppare L.
REVUE ROUMAINE DE CHIMIE, cilt.60, ss.453-460, 2015 (SCI İndekslerine Giren Dergi)
- LXXXIV. **A Novel Near-IR Effective Pyrene-Based Donor-Acceptor Electrochrome**
Sefer E., HACIOGLU S. O. , Tonga M., TOPPARE L., ÇIRPAN A., KOYUNCU S.
MACROMOLECULAR CHEMISTRY AND PHYSICS, cilt.216, sa.8, ss.829-836, 2015 (SCI İndekslerine Giren Dergi)
- LXXXV. **Selenium containing conducting polymer based pyranose oxidase biosensor for glucose detection**
Gokoglan T. C. , SÖYLEMEZ S., Kesik M., Toksabay S., TOPPARE L. K.
FOOD CHEMISTRY, cilt.172, ss.219-224, 2015 (SCI İndekslerine Giren Dergi)
- LXXXVI. **Benzotriazole and Benzodithiophene Containing Medium Band Gap Polymer for Bulk Heterojunction Polymer Solar Cell Applications**
UNAY H., UNLU N. A. , HIZALAN G., HACIOGLU S. O. , Yildiz D. E. , TOPPARE L., ÇIRPAN A.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.53, sa.4, ss.528-535, 2015 (SCI İndekslerine Giren Dergi)
- LXXXVII. **Multichromic and soluble conjugated polymers containing thiazolothiazole unit for electrochromic applications**
Akpınar H. Z. , Udum Y. A. , TOPPARE L. K.
EUROPEAN POLYMER JOURNAL, cilt.63, ss.255-261, 2015 (SCI İndekslerine Giren Dergi)
- LXXXVIII. **Electrochemical Properties of Perylene Diimide (PDI) and Benzotriazole (Btz) Bearing Conjugated Polymers to Investigate the Effect of pi-Bridge on Electrochemical Properties**
BAYSEC S., UNLU N. A. , HACIOGLU S. O. , Udum Y. A. , ÇIRPAN A., TOPPARE L.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.52, sa.1, ss.1-9, 2015 (SCI İndekslerine Giren Dergi)
- LXXXIX. **A novel architecture based on a conducting polymer and calixarene derivative: its synthesis and biosensor construction**
GOKOGLAN T. C. , SOYLEMEZ S., KESIK M., UNAY H., Sayin S., Yildiz H. B. , ÇIRPAN A., TOPPARE L.
RSC ADVANCES, cilt.5, sa.45, ss.35940-35947, 2015 (SCI İndekslerine Giren Dergi)
- XC. **Synthesis of a benzotriazole bearing alternating copolymer for organic photovoltaic applications**
ISTANBULLUOĞLU C., Goker S., HIZALAN G., HACIOGLU S. O. , Udum Y. A. , Yildiz E. D. , ÇIRPAN A., TOPPARE L.
NEW JOURNAL OF CHEMISTRY, cilt.39, sa.8, ss.6623-6630, 2015 (SCI İndekslerine Giren Dergi)
- XCI. **Novel poly(2,5-dithienylpyrrole) (PSNS) derivatives functionalized with azobenzene, coumarin and fluorescein chromophore units: spectroelectrochemical properties and electrochromic device**

applications

Yigit D., Hacıoğlu S. O. , GÜLLÜ M., Toppare L.

NEW JOURNAL OF CHEMISTRY, cilt.39, sa.5, ss.3371-3379, 2015 (SCI İndekslerine Giren Dergi)

- XCII. **A multi-functional fluorescent scaffold as a multi-colour probe: design and application in targeted cell imaging**
KESİK M., DEMİR B., Barlas F. B. , GEYİK C., CEVHER Ş. C. , Demirkol D. O. , TİMUR S., ÇIRPAN A., TOPPARE L. K.
RSC ADVANCES, cilt.5, sa.101, ss.83361-83367, 2015 (SCI İndekslerine Giren Dergi)
- XCIII. **Synthesis and Characterization of Thiophene and Thieno[3,2-b]thiophene Containing Conjugated Polymers**
Rustamh E., Goker S., UDUM Y., Udum Y. A. , Toppare L.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.162, sa.9, 2015 (SCI İndekslerine Giren Dergi)
- XCIV. **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., UYSAL AKKUŞ G., Toppare L., ERSÖZ M.
PHYSICAL CHEMISTRY CHEMICAL PHYSICS, cilt.17, sa.30, ss.19911-19918, 2015 (SCI İndekslerine Giren Dergi)
- XCv. **All-Organic Electrochromic Supercapacitor Electrodes**
YÜKSEL R., CEVHER Ş. C. , ÇIRPAN A., TOPPARE L., ÜNALAN H. E.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.162, sa.14, 2015 (SCI İndekslerine Giren Dergi)
- XCVI. **A Low Band Gap Benzimidazole Derivative and Its Copolymer with 3,4-Ethylenedioxythiophene for Electrochemical Studies**
Soylemez S., Hacıoğlu S. O. , Uzun S. D. , TOPPARE L. K.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, cilt.162, sa.1, 2015 (SCI İndekslerine Giren Dergi)
- XCvII. **An acetylcholinesterase biosensor based on a conducting polymer using multiwalled carbon nanotubes for amperometric detection of organophosphorous pesticides**
Kesik M., Kanik F. E. , Turan J., Kolb M., TİMUR S., Bahadır M., TOPPARE L. K.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.205, ss.39-49, 2014 (SCI İndekslerine Giren Dergi)
- XCvIII. **Leakage current by Frenkel-Poole emission on benzotriazole and benzothiadiazole based organic devices**
Yildiz D. E. , KARAKUS M., TOPPARE L. K. , ÇIRPAN A.
MATERIALS SCIENCE IN SEMICONDUCTOR PROCESSING, cilt.28, ss.84-88, 2014 (SCI İndekslerine Giren Dergi)
- XCIX. **Development of an amperometric biosensor based on a novel conducting copolymer for detection of anti-dementia drugs**
Turan J., Kesik M., Soylemez S., GÖKER S., Kolb M., Bahadır M., Toppare L.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.735, ss.43-50, 2014 (SCI İndekslerine Giren Dergi)
- C. **Electrochemical and spectroelectrochemical studies of poly(2,5-di-2,3-dihydrothieno[3,4-b][1,4]dioxin-5-ylthienyl) derivatives bearing azobenzene, coumarine and fluorescein dyes: Effect of chromophore groups on electrochromic properties**
Yigit D., Udum Y. A. , GÜLLÜ M., Toppare L.
ELECTROCHIMICA ACTA, cilt.147, ss.669-677, 2014 (SCI İndekslerine Giren Dergi)
- CI. **A Novel and Effective Surface Design: Conducting Polymer/beta-Cyclodextrin Host-Guest System for Cholesterol Biosensor**
SOYLEMEZ S., HACIOGLU S. O. , KESİK M., UNAY H., ÇIRPAN A., TOPPARE L.
ACS APPLIED MATERIALS & INTERFACES, cilt.6, sa.20, ss.18290-18300, 2014 (SCI İndekslerine Giren Dergi)
- CII. **Synthesis and characterization of a novel polyphosphazene and its application to biosensor in combination with a conducting polymer**
Ucan D., Kanik F. E. , KARATAŞ Y., TOPPARE L. K.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.201, ss.545-554, 2014 (SCI İndekslerine Giren Dergi)
- CIII. **Synthesis and Spectroelectrochemistry of Dithieno(3,2-b:2',3'-d)pyrrole Derivatives**
Udum Y. A. , Yildiz H. B. , Azak H., Sahin E., Talaz O., ÇIRPAN A., TOPPARE L.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.131, sa.17, 2014 (SCI İndekslerine Giren Dergi)
- CIV. **Electrochromic properties of multicolored novel polymer synthesized via combination of**

benzotriazole and N-functionalized 2,5-di(2-thienyl)-1H-pyrrole units

Rende E., Kilic C. E., Udum Y. A., Toffoli D., TOPPARE L. K.

ELECTROCHIMICA ACTA, cilt.138, ss.454-463, 2014 (SCI İndekslerine Giren Dergi)

- CV. **Synthesis and electropolymerization of 3,4-substituted quinoxaline functionalized pyrrole monomer and optoelectronic properties of its polymer**
KURTAY G., AK M., GÜLLÜ M., Toppare L., Ak M. S.
SYNTHETIC METALS, cilt.194, ss.19-28, 2014 (SCI İndekslerine Giren Dergi)
- CVI. **A Novel DAD Type and Folic Acid Conjugated Fluorescent Monomer as a Targeting Probe for Imaging of Folate Receptor Overexpressed Cells**
Kanik F. E., Ag D., Selecı M., Barlas F. B., Kesik M., Hizalan G., Akpınar H., TİMUR S., Toppare L.
BIOTECHNOLOGY PROGRESS, cilt.30, sa.4, ss.952-959, 2014 (SCI İndekslerine Giren Dergi)
- CVII. **Enzyme immobilization in a photosensitive conducting polymer bearing azobenzene in the main chain**
AK M., Yildiz H. B., Toppare L.
POLYMER BULLETIN, cilt.71, sa.7, ss.1827-1841, 2014 (SCI İndekslerine Giren Dergi)
- CVIII. **Thieno[3,2-13]thiophene as pi-bridge at different acceptor systems for electrochromic applications**
TOKSABAY S., HACIOĞLU S. O., UNLU N. A., ÇIRPAN A., TOPPARE L.
POLYMER, cilt.55, sa.14, ss.3093-3099, 2014 (SCI İndekslerine Giren Dergi)
- CIX. **Photoelectrochemical Biosensing Approach for Alcohol Determination by "Wiring" of Alcohol Oxidase Photonically with P(SNS-NH₂)/AOx/CNT/[Ru(bpy)(3)](2+) Modified Electrodes**
Yildiz H. B., KAMACI M., KARAMAN M., TOPPARE L. K., Sayin S.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.51, sa.5, ss.385-393, 2014 (SCI İndekslerine Giren Dergi)
- CX. **Electrochemical and optical properties of 5,6-bis(octyloxy)-2,1,3 benzooxadiazole containing low band gap polymers**
Goker S., Hizalan G., Udum Y. A., TOPPARE L. K.
SYNTHETIC METALS, cilt.191, ss.19-27, 2014 (SCI İndekslerine Giren Dergi)
- CXI. **Bioactive Surface Design Based on Functional Composite Electrospun Nanofibers for Biomolecule Immobilization and Biosensor Applications**
Uzun S. D., Kayaci F., UYAR T., TİMUR S., TOPPARE L. K.
ACS APPLIED MATERIALS & INTERFACES, cilt.6, sa.7, ss.5235-5243, 2014 (SCI İndekslerine Giren Dergi)
- CXII. **A novel conducting polymer based platform for ethanol sensing**
Kekec N. C., Kanik F. E., UDUM Y., HIZLIATEŞ C. G., ERGÜN M. Y., TOPPARE L. K.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.193, ss.306-314, 2014 (SCI İndekslerine Giren Dergi)
- CXIII. **Synthesis and Electrochromic Properties of Triphenylamine Containing Copolymers: Effect of pi-Bridge on Electrochemical Properties**
Hacioglu S. O., Toksabay S., Sendur M., TOPPARE L. K.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.52, sa.4, ss.537-544, 2014 (SCI İndekslerine Giren Dergi)
- CXIV. **Development of a novel biosensor based on a conducting polymer**
SÖYLEMEZ S., Kanik F. E., İleri M., Hacioglu S. O., TOPPARE L. K.
TALANTA, cilt.118, ss.84-89, 2014 (SCI İndekslerine Giren Dergi)
- CXV. **Synthesis and characterization of conducting polymers containing polypeptide and ferrocene side chains as ethanol biosensors**
KESIK M., Akbulut H., SOYLEMEZ S., CEVHER Ş. C., HIZALAN G., Udum Y. A., ENDO T., YAMADA S., ÇIRPAN A., Yağcı Y., et al.
POLYMER CHEMISTRY, cilt.5, sa.21, ss.6295-6306, 2014 (SCI İndekslerine Giren Dergi)
- CXVI. **Electrochemical and optical properties of novel terthienyl based azobenzene, coumarine and fluorescein containing polymers: Multicolored electrochromic polymers**
Yigit D., Udum Y. A., GÜLLÜ M., Toppare L.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.712, ss.215-222, 2014 (SCI İndekslerine Giren Dergi)

- CXVII. Structure-property relations in donor-acceptor-donor type benzimidazole containing conjugated polymers**
ZAİFOĞLU B., HACIOĞLU S. O. , UNLU N. A. , ÇIRPAN A., TOPPARE L.
JOURNAL OF MATERIALS SCIENCE, cilt.49, sa.1, ss.225-231, 2014 (SCI İndekslerine Giren Dergi)
- CXVIII. Electrochemical manipulation of adhesion strength of polybenzoxazines on metal surfaces: from strong adhesion to dismantling**
Aydın C., Kışkan B., Hacıoğlu S. O. , TOPPARE L. K. , Yağcı Y.
RSC ADVANCES, cilt.4, sa.52, ss.27545-27551, 2014 (SCI İndekslerine Giren Dergi)
- CXIX. Development of an efficient immobilization matrix based on a conducting polymer and functionalized multiwall carbon nanotubes: synthesis and its application to ethanol biosensors**
Soylemez S., Kanik F. E. , Uzun S. D. , Hacıoğlu S. O. , Toppare L.
JOURNAL OF MATERIALS CHEMISTRY B, cilt.2, sa.5, ss.511-521, 2014 (SCI İndekslerine Giren Dergi)
- CXX. Synthesis and Characterization of Conducting Copolymers of Thiophene Derivatives**
Turac E., Sahmetlioglu E., Toppare L.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.51, sa.3, ss.210-216, 2014 (SCI İndekslerine Giren Dergi)
- CXXI. A novel promising biomolecule immobilization matrix: Synthesis of functional benzimidazole containing conducting polymer and its biosensor applications**
Uzun S. D. , Unlu N. A. , Sendur M., Kanik F. E. , TİMUR S., TOPPARE L. K.
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.112, ss.74-80, 2013 (SCI İndekslerine Giren Dergi)
- CXXII. A sepiolite modified conducting polymer based biosensor**
SÖYLEMEZ S., Kanik F. E. , Tarkuc S., UDUM Y., TOPPARE L. K.
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.111, ss.549-555, 2013 (SCI İndekslerine Giren Dergi)
- CXXIII. The effect of para- and meta-substituted fluorine on optical behavior of benzimidazole derivatives**
İleri M., Hacıoğlu S. O. , TOPPARE L. K.
ELECTROCHIMICA ACTA, cilt.109, ss.214-220, 2013 (SCI İndekslerine Giren Dergi)
- CXXIV. Synthesis and electrochemical characterization of fluorene and benzimidazole containing novel conjugated polymers: Effect of alkyl chain length on electrochemical properties**
Namal I., Ozelcaglayan A. C. , Udum Y. A. , TOPPARE L. K.
EUROPEAN POLYMER JOURNAL, cilt.49, sa.10, ss.3181-3187, 2013 (SCI İndekslerine Giren Dergi)
- CXXV. Spray-processable thiazolothiazole-based copolymers with altered donor groups and their electrochromic properties**
Akpınar H. Z. , UDUM Y., Toppare L.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.51, sa.18, ss.3901-3906, 2013 (SCI İndekslerine Giren Dergi)
- CXXVI. A functional immobilization matrix based on a conducting polymer and functionalized gold nanoparticles: Synthesis and its application as an amperometric glucose biosensor**
Kesik M., Kanik F. E. , Hizalan G., Kozanoğlu D., Nalbant Esentürk E., Timur S., Toppare L. K.
POLYMER, cilt.54, ss.4463-4471, 2013 (SCI İndekslerine Giren Dergi)
- CXXVII. An amperometric acetylcholine biosensor based on a conducting polymer**
Kanik F. E. , Kolb M., TİMUR S., Bahadır M., TOPPARE L. K.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.59, ss.111-118, 2013 (SCI İndekslerine Giren Dergi)
- CXXVIII. Effective and Functional Surface Design for Biosensing Applications Based on a Novel Conducting Polymer and PMMA/Clay Nanocomposite**
Kesik M., Kocer O., Kanik F. E. , Unlu N. A. , Rende E., Aslan-Gurel E., Rossi R. M. , Udum Y. A. , TOPPARE L. K.
ELECTROANALYSIS, cilt.25, sa.8, ss.1995-2006, 2013 (SCI İndekslerine Giren Dergi)
- CXXIX. Synthesis and electrochromic properties of trans-stilbene bearing copolymers obtained with different repeat unit and chain length**
KARAKUS M., NURIOĞLU A. G. , AKPINAR H. Z. , TOPPARE L., ÇIRPAN A.
ELECTROCHIMICA ACTA, cilt.100, ss.110-117, 2013 (SCI İndekslerine Giren Dergi)

- CXXX. **Long wavelength photosensitizers in photoinitiated cationic polymerization: The effect of quinoxaline derivatives on photopolymerization**
Corakci B., Hacıoğlu S. O., Toppare L., Bulut U.
POLYMER, cilt.54, sa.13, ss.3182-3187, 2013 (SCI İndekslerine Giren Dergi)
- CXXXI. **A novel conducting copolymer: Investigation of its matrix properties for cholesterol biosensor applications**
SÖYLEMEZ S., Kanik F. E., Nurioglu A. G., Akpınar H., TOPPARE L. K.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.182, ss.322-329, 2013 (SCI İndekslerine Giren Dergi)
- CXXXII. **Optimizing the organic solar cell efficiency: Role of the active layer thickness**
APAYDIN D. H., Yıldız D. E., ÇIRPAN A., TOPPARE L.
SOLAR ENERGY MATERIALS AND SOLAR CELLS, cilt.113, ss.100-105, 2013 (SCI İndekslerine Giren Dergi)
- CXXXIII. **Synthesis of aromatic poly(pyridinium salt)s and their electrochromic properties**
Keshtov M. L., UDUM Y., TOPPARE L. K., Kochurov V. S., Khokhlov A. R.
MATERIALS CHEMISTRY AND PHYSICS, cilt.139, ss.936-943, 2013 (SCI İndekslerine Giren Dergi)
- CXXXIV. **Dielectric and electrical properties of an organic device containing benzotriazole and fluorene bearing copolymer**
Yıldız D. E., APAYDIN D. H., TOPPARE L., ÇIRPAN A.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.128, sa.3, ss.1659-1664, 2013 (SCI İndekslerine Giren Dergi)
- CXXXV. **Synthesis and photovoltaic properties of new donor-acceptor benzodithiophene-containing copolymers**
Keshtov M. L., TOPPARE L. K., Marochkin D. V., Kochurov V. S., Parashchuk D. Y., Trukhanov V. A., Khokhlov A. R.
POLYMER SCIENCE SERIES B, cilt.55, ss.360-372, 2013 (SCI İndekslerine Giren Dergi)
- CXXXVI. **Fused structures in the polymer backbone to investigate the photovoltaic and electrochromic properties of donoracceptor-type conjugated polymers**
CEVHER Ş. C., UNLU N. A., OZELCAGLAYAN A. C., APAYDIN D. H., Udum Y. A., TOPPARE L., ÇIRPAN A.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.51, sa.9, ss.1933-1941, 2013 (SCI İndekslerine Giren Dergi)
- CXXXVII. **Syntheses, electrochemical and photophysical properties of biphenyl containing conjugated copolymers**
DENİZ T. K., NURIOĞLU A. G., UNLU N. A., SENDUR M., TOPPARE L., ÇIRPAN A.
POLYMER, cilt.54, sa.9, ss.2243-2249, 2013 (SCI İndekslerine Giren Dergi)
- CXXXVIII. **Blend or copolymer? Spectroelectrochemical evidence of copolymerization and blending of two electrochromic monomers**
AK M., CETİŞLİ H., Toppare L.
COLLOID AND POLYMER SCIENCE, cilt.291, sa.4, ss.767-772, 2013 (SCI İndekslerine Giren Dergi)
- CXXXIX. **Further investigation of intramolecular H-bonding in benzimidazole and EDOT containing monomer**
Nurioglu A. G., Akpınar H., Kanik F. E., Toffoli D., TOPPARE L. K.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.693, ss.23-27, 2013 (SCI İndekslerine Giren Dergi)
- CXL. **Direct pyrolysis mass spectrometry to investigate the effects of dopants on characteristics of polypyrrole and its copolymers**
Guereel E. A., Toppare L., HACALOĞLU J.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, cilt.111, sa.2, ss.1133-1138, 2013 (SCI İndekslerine Giren Dergi)
- CXLI. **A New Amperometric Biosensor for Diamine: Use of a Conducting Polymer Layer**
Al Layla A. M. T., Turkarşlan O., KURBANOĞLU S., Sulaiman S. T., Al-Flayeh K. A., TOPPARE L. K.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.50, sa.9, ss.914-922, 2013 (SCI İndekslerine Giren Dergi)
- CXLII. **Photo- and electroluminescence behavior of biphenyl containing conjugated polymer**
DENİZ T. K., APAYDIN D. H., OZELCAGLAYAN A. C., TOPPARE L. K., ÇIRPAN A.
TURKISH JOURNAL OF CHEMISTRY, cilt.37, sa.4, ss.538-546, 2013 (SCI İndekslerine Giren Dergi)
- CXLIII. **Synthesis of Poly(silyne-co-hydridocarbyne) for Silicon Carbide Production**

NUR Y., Toppare L.

JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.50, sa.9, ss.923-930, 2013
(SCI İndekslerine Giren Dergi)

- CXLIV. **High optical transparency in all redox states: Synthesis and characterization of benzimidazole and thieno[3,2-b]thiophene containing conjugated polymers**
Zaifoglu B., Sendur M., Unlu N. A. , TOPPARE L. K.
ELECTROCHIMICA ACTA, cilt.85, ss.78-83, 2012 (SCI İndekslerine Giren Dergi)
- CXLV. **Photovoltaic properties of benzotriazole containing alternating donor-acceptor copolymers: Effect of alkyl chain length**
Baran D., Balan A., Stubhan T., Ameri T., Toppare L., Brabec C. J.
SYNTHETIC METALS, cilt.162, sa.23, ss.2047-2051, 2012 (SCI İndekslerine Giren Dergi)
- CXLVI. **A novel functional conducting polymer: synthesis and application to biomolecule immobilization**
Kanik F. E. , Rende E., TİMUR S., Toppare L.
JOURNAL OF MATERIALS CHEMISTRY, cilt.22, sa.42, ss.22517-22525, 2012 (SCI İndekslerine Giren Dergi)
- CXLVII. **Synthesis and characterization of conducting copolymer of Trans-1-(4-methyl-3'-thienyl)-2-(ferrocenyl)ethene with EDOT**
Turac E., Sahmetlioglu E., Demircan A., Toppare L.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.126, sa.3, ss.808-814, 2012 (SCI İndekslerine Giren Dergi)
- CXLVIII. **Photoinduced Electron Transfer Reactions of Highly Conjugated Thiophenes for Initiation of Cationic Polymerization and Conjugated Polymer Formation**
Aydogan B., Yağcı Y., Toppare L., Jockusch S., Turro N. J.
MACROMOLECULES, cilt.45, sa.19, ss.7829-7834, 2012 (SCI İndekslerine Giren Dergi)
- CXLIX. **Multichromic benzimidazole-containing polymers: Comparison of donor and acceptor unit effects**
Nurioglu A. G. , Akpınar H., Sendur M., TOPPARE L. K.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.50, sa.17, ss.3499-3506, 2012 (SCI İndekslerine Giren Dergi)
- CL. **Influence of hydrogen bonding on electrochromic properties of conducting polymers**
Akpınar H., Nurioglu A. G. , TOPPARE L. K.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.683, ss.62-69, 2012 (SCI İndekslerine Giren Dergi)
- CLI. **A conducting polymer with benzothiadiazole unit: Cell based biosensing applications and adhesion properties**
Baskurt E., Ekiz F., ODACI DEMİRKOL D., TİMUR S., TOPPARE L. K.
COLLOIDS AND SURFACES B-BIOINTERFACES, cilt.97, ss.13-18, 2012 (SCI İndekslerine Giren Dergi)
- CLII. **Synthesis and electrochemical properties of a new benzimidazole derivative as the acceptor unit in donor-acceptor-donor type polymers**
OZELCAGLAYAN A. C. , SENDUR M., AKBASOGLU N., APAYDIN D. H. , ÇIRPAN A., TOPPARE L.
ELECTROCHIMICA ACTA, cilt.67, ss.224-229, 2012 (SCI İndekslerine Giren Dergi)
- CLIII. **Solution processable benzotriazole and fluorene containing copolymers for photovoltaic applications**
KAYA E., APAYDIN D. H. , Yildiz D. E. , TOPPARE L., Çirpan A.
SOLAR ENERGY MATERIALS AND SOLAR CELLS, cilt.99, ss.321-326, 2012 (SCI İndekslerine Giren Dergi)
- CLIV. **Benzotriazole and benzothiadiazole containing conjugated copolymers for organic solar cell applications**
KARAKUS M., APAYDIN D. H. , Yildiz D. E. , TOPPARE L., ÇIRPAN A.
POLYMER, cilt.53, sa.6, ss.1198-1202, 2012 (SCI İndekslerine Giren Dergi)
- CLV. **Electrochemical and optical properties of solution processable benzotriazole and benzothiadiazole containing copolymers**
KARAKUS M., BALAN A., BARAN D., TOPPARE L., ÇIRPAN A.
SYNTHETIC METALS, cilt.162, ss.79-84, 2012 (SCI İndekslerine Giren Dergi)
- CLVI. **Quinoxaline derivatives as long wavelength photosensitizers in photoinitiated cationic polymerization of diaryliodonium salts**

- Bulut U., Kolay M., Tarkuc S., Udum Y. A., Toppare L.
PROGRESS IN ORGANIC COATINGS, cilt.73, ss.215-218, 2012 (SCI İndekslerine Giren Dergi)
- CLVII. **Tailoring the optoelectronic properties of donor-acceptor-donor type pi-conjugated polymers via incorporating different electron-acceptor moieties**
Tarkuc S., Udum Y. A., TOPPARE L. K.
THIN SOLID FILMS, cilt.520, sa.7, ss.2960-2965, 2012 (SCI İndekslerine Giren Dergi)
- CLVIII. **Electrochromism in multichromic conjugated polymers: Thiophene and azobenzene derivatives on the main chain**
Apaydin D. H., Akpınar H., Sendur M., TOPPARE L. K.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.665, ss.52-57, 2012 (SCI İndekslerine Giren Dergi)
- CLIX. **Long Wavelength Photosensitizers for Diaryliodonium Salts Based on the 2-Benzyl-2H-benzo[d][1,2,3]triazole Skeleton**
Bulut U., Yılmaz S., Yigitsoy B., Toppare L.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.49, sa.5, ss.445-449, 2012 (SCI İndekslerine Giren Dergi)
- CLX. **A promising combination of benzotriazole and quinoxaline units: A new acceptor moiety toward synthesis of multipurpose donor-acceptor type polymers**
Ozdemir S., Sendur M., Oktem G., DOĞAN Ö., Toppare L.
JOURNAL OF MATERIALS CHEMISTRY, cilt.22, sa.11, ss.4687-4694, 2012 (SCI İndekslerine Giren Dergi)
- CLXI. **Electrochromic conjugated polyheterocycles and derivatives-highlights from the last decade towards realization of long lived aspirations**
Gunbas G., Toppare L.
CHEMICAL COMMUNICATIONS, cilt.48, sa.8, ss.1083-1101, 2012 (SCI İndekslerine Giren Dergi)
- CLXII. **Functionalization of poly-SNS-anchored carboxylic acid with Lys and PAMAM: surface modifications for biomolecule immobilization/stabilization and bio-sensing applications**
DEMİRCİ S., EMRE F. B., EKİZ F., OĞUZKAYA F., TİMUR S., TANYELİ C., Toppare L.
ANALYST, cilt.137, sa.18, ss.4254-4261, 2012 (SCI İndekslerine Giren Dergi)
- CLXIII. **A New Amperometric Alcohol Oxidase Biosensor Based on Conducting Polymer of (4,7-Dithien-2-yl-2, 1,3-benzothiadiazole)**
Tanriverdi S., Tuncagil S., TOPPARE L. K.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.49, sa.3, ss.185-190, 2012 (SCI İndekslerine Giren Dergi)
- CLXIV. **Near infrared electrochromic polymers based on phenazine moieties**
Esmer E. N., Tarkuc S., UDUM Y., TOPPARE L. K.
MATERIALS CHEMISTRY AND PHYSICS, cilt.131, ss.519-524, 2011 (SCI İndekslerine Giren Dergi)
- CLXV. **In Situ Spectroelectrochemical Study of Positively and Negatively Charged States in a Donor/Acceptor EDOT/Benzotriazole-Based Polymer**
Meana-Esteban B., Balan A., Baran D., Neugebauer H., Toppare L., Sariciftci N. S.
MACROMOLECULAR CHEMISTRY AND PHYSICS, cilt.212, sa.22, ss.2459-2466, 2011 (SCI İndekslerine Giren Dergi)
- CLXVI. **Conducting polymers with benzothiadiazole and benzoselenadiazole units for biosensor applications**
Emre F. B., Ekiz F., Balan A., Emre S., TİMUR S., TOPPARE L. K.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.158, sa.1, ss.117-123, 2011 (SCI İndekslerine Giren Dergi)
- CLXVII. **Solution processable donor acceptor type dibenzothiophen-S,S-dioxide derivatives for electrochromic applications**
ÇAMURLU P., Durak T., Toppare L.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.661, sa.2, ss.359-366, 2011 (SCI İndekslerine Giren Dergi)
- CLXVIII. **The effect of the donor unit on the optical properties of polymers**
UNVER E. K., TARKUC S., Udum Y. A., TANYELİ C., Toppare L.
ORGANIC ELECTRONICS, cilt.12, sa.10, ss.1625-1631, 2011 (SCI İndekslerine Giren Dergi)
- CLXIX. **Syntheses and Optoelectronic Properties of Quinoxaline Polymers: The Effect of Donor Unit**
Sendur M., Balan A., Baran D., TOPPARE L. K.

JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.49, sa.18, ss.4065-4070, 2011 (SCI İndekslerine Giren Dergi)

- CLXX. **Electronic and optical properties of dibenzothiophen-S,S-dioxide and EDOT based conducting polymers**
ÇAMURLU P., Durak T., Balan A., Toppare L.
SYNTHETIC METALS, cilt.161, ss.1898-1905, 2011 (SCI İndekslerine Giren Dergi)
- CLXXI. **Gold nanoparticle modified conducting polymer of 4-(2,5-di(thiophen-2-yl)-1H-pyrrole-1-l) benzenamine for potential use as a biosensing material**
Tuncagil S., Ozdemir C., ODACI DEMİRKOL D., TİMUR S., Toppare L.
FOOD CHEMISTRY, cilt.127, sa.3, ss.1317-1322, 2011 (SCI İndekslerine Giren Dergi)
- CLXXII. **Dibenzophenazine Derivatives as Visible Photosensitizers for Diaryliodonium Salts**
Bulut U., Kolay M., Tarkuc S., Toppare L.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.49, sa.15, ss.3299-3303, 2011 (SCI İndekslerine Giren Dergi)
- CLXXIII. **Synthesis and optical properties of fused aromatic thienopyrazine based pi-conjugated polymers**
Kolay M., Tarkuc S., Udum Y. A. , TOPPARE L. K.
SMART MATERIALS & STRUCTURES, cilt.20, sa.7, 2011 (SCI İndekslerine Giren Dergi)
- CLXXIV. **Synthesis of new donor-acceptor polymers containing thiadiazoloquinoxaline and pyrazinoquinoxaline moieties: low-band gap, high optical contrast, and almost black colored materials**
Unver E. K. , Tarkuc S., BARAN D., TANYELİ C., Toppare L.
TETRAHEDRON LETTERS, cilt.52, sa.21, ss.2725-2729, 2011 (SCI İndekslerine Giren Dergi)
- CLXXV. **Synthesis and Characterization of Conducting Copolymers of Quinoxaline Derivatives**
Turac E., Sahmetlioglu E., Toppare L., Yuruk H.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.120, sa.3, ss.1713-1719, 2011 (SCI İndekslerine Giren Dergi)
- CLXXVI. **Neutral-State Green Conjugated Polymers from Pyrrole Bis-Substituted Benzothiadiazole and Benzoselenadiazole for Electrochromic Devices**
Baran D., Oktem G., Celebi S., TOPPARE L. K.
MACROMOLECULAR CHEMISTRY AND PHYSICS, cilt.212, sa.8, ss.799-805, 2011 (SCI İndekslerine Giren Dergi)
- CLXXVII. **Multichromic polymers of benzotriazole derivatives: Effect of benzyl substitution**
Yigitsoy B., Karim S. M. A. , Balan A., Baran D., TOPPARE L. K.
ELECTROCHIMICA ACTA, cilt.56, sa.5, ss.2263-2268, 2011 (SCI İndekslerine Giren Dergi)
- CLXXVIII. **Green to highly transmissive switching multicolored electrochromes: Ferrocene pendant group effect on electrochromic properties**
Ozdemir S., BALAN A., BARAN D., DOĞAN Ö., Toppare L.
REACTIVE & FUNCTIONAL POLYMERS, cilt.71, sa.2, ss.168-174, 2011 (SCI İndekslerine Giren Dergi)
- CLXXIX. **Design of Carbon Nanotube Modified Conducting Polymer for Biosensing Applications**
Ozdemir C., Tuncagil S., ODACI DEMİRKOL D., TİMUR S., TOPPARE L. K.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.48, sa.7, ss.503-508, 2011 (SCI İndekslerine Giren Dergi)
- CLXXX. **Immobilization of Invertase in DAD Type Polymers: Combination of Benzothiadiazole Acceptor Unit and 3,4-Ethylenedioxythiophene and Thiophene Donor Units**
Aydar S., BÖYÜKBAYRAM A. E. , Sendur M., TOPPARE L. K.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.48, sa.11, ss.855-861, 2011 (SCI İndekslerine Giren Dergi)
- CLXXXI. **Donor-acceptor type random copolymers for full visible light absorption**
Oktem G., Balan A., Baran D., TOPPARE L. K.
CHEMICAL COMMUNICATIONS, cilt.47, sa.13, ss.3933-3935, 2011 (SCI İndekslerine Giren Dergi)
- CLXXXII. **Electrochromic and optical studies of solution processable benzotriazole and fluorene containing copolymers**
KAYA E., BALAN A., BARAN D., ÇIRPAN A., TOPPARE L.

- ORGANIC ELECTRONICS, cilt.12, sa.1, ss.202-209, 2011 (SCI İndekslerine Giren Dergi)
- CLXXXIII. **Spray processable ambipolar benzotriazole bearing electrochromic polymers with multi-colored and transmissive states**
Hizalan G., Balan A., Baran D., TOPPARE L. K.
JOURNAL OF MATERIALS CHEMISTRY, cilt.21, sa.6, ss.1804-1809, 2011 (SCI İndekslerine Giren Dergi)
- CLXXXIV. **Synthesis and application of poly-SNS-anchored carboxylic acid: a novel functional matrix for biomolecule conjugation**
Ekiz F., Oguzkaya F., Akin M., TİMUR S., TANYELİ C., Toppare L.
JOURNAL OF MATERIALS CHEMISTRY, cilt.21, sa.33, ss.12337-12343, 2011 (SCI İndekslerine Giren Dergi)
- CLXXXV. **Benzotriazole containing conjugated polymers for multipurpose organic electronic applications**
Balan A., Baran D., Toppare L.
POLYMER CHEMISTRY, cilt.2, sa.5, ss.1029-1043, 2011 (SCI İndekslerine Giren Dergi)
- CLXXXVI. **Spectroelectrochemical and Photovoltaic Characterization of a Solution-Processable n-and-p Type Dopable Pyrrole-Bearing Conjugated Polymer**
Baran D., Balan A., Esteban B., Neugebauer H., Sariciftci N. S., Toppare L.
MACROMOLECULAR CHEMISTRY AND PHYSICS, cilt.211, sa.24, ss.2602-2610, 2010 (SCI İndekslerine Giren Dergi)
- CLXXXVII. **Donor-acceptor-donor type conjugated polymers for electrochromic applications: benzimidazole as the acceptor unit**
Akpınar H., Balan A., Baran D., Unver E. K., Toppare L.
POLYMER, cilt.51, sa.26, ss.6123-6131, 2010 (SCI İndekslerine Giren Dergi)
- .LXXXVIII. **Electrochemical Polymerization of (2-Dodecyl-4,7-di(thiophen-2-yl)-2H-benzo[d][1,2,3] triazole): A Novel Matrix for Biomolecule Immobilization**
Ekiz F., Yuksel M., Balan A., TİMUR S., Toppare L.
MACROMOLECULAR BIOSCIENCE, cilt.10, sa.12, ss.1557-1565, 2010 (SCI İndekslerine Giren Dergi)
- CLXXXIX. **Electrochemical Synthesis of Poly(methylsilyne) and Investigation of the Effects of Parameters on the Synthesis**
EROĞLU PALA D., Nur Y., BAYRAM G., TOPPARE L. K.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.118, sa.5, ss.3049-3057, 2010 (SCI İndekslerine Giren Dergi)
- CXC. **Electrochemical and Optical Studies of Furan and Thieno[3,2-b]thiophene End Capped Benzotriazole Derivatives**
AKBASOĞLU N., BALAN A., BARAN D., ÇIRPAN A., TOPPARE L.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.48, sa.23, ss.5603-5610, 2010 (SCI İndekslerine Giren Dergi)
- CXCI. **Cyclodextrin functionalized poly(methyl methacrylate) (PMMA) electrospun nanofibers for organic vapors waste treatment**
Uyar T., Havelund R., Nur Y., Balan A., HACALOĞLU J., Toppare L., Besenbacher F., Kingshott P.
Journal of Membrane Science, cilt.365, ss.409-417, 2010 (SCI İndekslerine Giren Dergi)
- CXCII. **Combination of donor characters in a donor-acceptor-donor (DAD) type polymer containing benzothiadiazole as the acceptor unit**
Sendur M., Balan A., Baran D., Karabay B., Toppare L.
ORGANIC ELECTRONICS, cilt.11, sa.12, ss.1877-1885, 2010 (SCI İndekslerine Giren Dergi)
- CXCIII. **Benzyl substituted benzotriazole containing conjugated polymers: Effect of position of the substituent on electrochromic properties**
Yigitsoy B., Karim S. M. A., Balan A., Baran D., Toppare L.
SYNTHETIC METALS, cilt.160, ss.2534-2539, 2010 (SCI İndekslerine Giren Dergi)
- CXCIV. **Multi-colored electrochromic polymer with enhanced optical contrast**
Tarkuc S., Unver E. K., Udum Y. A., Toppare L.
EUROPEAN POLYMER JOURNAL, cilt.46, sa.11, ss.2199-2205, 2010 (SCI İndekslerine Giren Dergi)
- CXCV. **A green neutral state donor-acceptor copolymer for organic solar cells**
GÜNEŞ S., Baran D., Gunbas G., Durmus A., Fuchsbauer A., Sariciftci N. S., Toppare L.
POLYMER CHEMISTRY, cilt.1, sa.8, ss.1245-1251, 2010 (SCI İndekslerine Giren Dergi)

- CXCVI. **The effect of changes in pi-conjugated terthienyl systems using thienyl and ethylenedioxybenzene functionalized thieno[3,4-b]pyrazine precursors: Multicolored low band gap polymers**
Tarkuc S., Unver E. K., Udum Y. A., TANYELİ C., Toppare L.
ELECTROCHIMICA ACTA, cilt.55, sa.24, ss.7254-7258, 2010 (SCI İndekslerine Giren Dergi)
- CXCVII. **A ferrocene functionalized multichromic p and n dopable donor-acceptor-donor type conjugated polymer**
Ozdemir S., BALAN A., BARAN D., DOĞAN Ö., Toppare L.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.648, sa.2, ss.184-189, 2010 (SCI İndekslerine Giren Dergi)
- CXCVIII. **Electrochromic device and bulk heterojunction solar cell applications of poly 4,7-bis(2,3-dihydrothieno[3,4-b][1,4] dioxin-5-yl)-2-dodecyl-2H-benzo[1,2,3]triazole (PBEBT)**
Balan A., Baran D., Sariciftci N. S., Toppare L.
SOLAR ENERGY MATERIALS AND SOLAR CELLS, cilt.94, sa.10, ss.1797-1802, 2010 (SCI İndekslerine Giren Dergi)
- CXCIX. **Design of a biosensor based on 1-(4-nitrophenyl)-2,5-di(2-thienyl)-1H pyrrole**
Tuncagil S., Varis S., TOPPARE L. K.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, cilt.64, ss.195-199, 2010 (SCI İndekslerine Giren Dergi)
- CC. **Synthesis and electropolymerization of 1,2-bis(thiophen-3-ylmethoxy)benzene and its electrochromic properties and electrochromic device application**
AK M., Ak M. S., Kurtay G., GÜLLÜ M., Toppare L.
SOLID STATE SCIENCES, cilt.12, sa.7, ss.1199-1204, 2010 (SCI İndekslerine Giren Dergi)
- CCI. **Improving electrochromic properties via copolymerization**
Taskin A. T., Balan A., Udum Y. A., TOPPARE L. K.
SMART MATERIALS & STRUCTURES, cilt.19, sa.6, 2010 (SCI İndekslerine Giren Dergi)
- CCII. **Processable Multipurpose Conjugated Polymer for Electrochromic and Photovoltaic Applications**
Baran D., Balan A., Celebi S., Esteban B. M., Neugebauer H., Sariciftci N. S., TOPPARE L. K.
CHEMISTRY OF MATERIALS, cilt.22, sa.9, ss.2978-2987, 2010 (SCI İndekslerine Giren Dergi)
- CCIII. **Molecular architecture: Another plausible pathway toward a low band gap polymer**
Tarkuc S., Udum Y. A., TOPPARE L. K.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.643, ss.89-93, 2010 (SCI İndekslerine Giren Dergi)
- CCIV. **Effect of Conjugated Core Building Block Dibenzo[a,c]phenazine Unit on pi-Conjugated Electrochromic Polymers: Red-Shifted Absorption**
Unver E. K., Tarkuc S., Udum Y. A., TANYELİ C., Toppare L.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.48, sa.8, ss.1714-1720, 2010 (SCI İndekslerine Giren Dergi)
- CCV. **Amperometric alcohol biosensors based on conducting polymers: Polypyrrole, poly(3,4-ethylenedioxythiophene) and poly(3,4-ethylenedioxyppyrrrole)**
Turkarşlan O., BÖYÜKBAYRAM A. E., TOPPARE L. K.
SYNTHETIC METALS, cilt.160, ss.808-813, 2010 (SCI İndekslerine Giren Dergi)
- CCVI. **Enhancing electrochromic and kinetic properties of poly(2,3-bis(4-tert-butylphenyl)-5,8-di(1H-pyrrol-2-yl) quinoxaline) by copolymerization**
Celebi S., Baran D., Balan A., TOPPARE L. K.
ELECTROCHIMICA ACTA, cilt.55, sa.7, ss.2373-2376, 2010 (SCI İndekslerine Giren Dergi)
- CCVII. **A low-band gap conductive copolymer of bis-3-hexylthiophene substituted 4-tert-butylphenyl quinoxaline and 3,4-ethylenedioxythiophene**
Ozyurt F., Durmus A., GÜNBAŞ E. G., TOPPARE L. K.
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, cilt.14, sa.2, ss.279-283, 2010 (SCI İndekslerine Giren Dergi)
- CCVIII. **Highly Conjugated Thiophene Derivatives as New Visible Light Sensitive Photoinitiators for Cationic Polymerization**
Aydoğan B., Gunbas G. E., Durmus A., Toppare L., Yağcı Y.
MACROMOLECULES, cilt.43, sa.1, ss.101-106, 2010 (SCI İndekslerine Giren Dergi)
- CCIX. **Synthesis, Characterization and Optoelectrochemical Properties of Poly(2,5-di(thiophen-2-yl)-1-(4-(thiophen-3-yl)phenyl)-1H-pyrrole-co-EDOT)**

- Turac E., Sahmetlioglu E., Toppare L., Yuruk H.
DESIGNED MONOMERS AND POLYMERS, cilt.13, sa.3, ss.261-275, 2010 (SCI İndekslerine Giren Dergi)
- CCX. **L-Dopa Synthesis on Conducting Polymers**
Erdogan H., Tuncagil S., TOPPARE L. K.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.47, sa.3, ss.209-214, 2010
(SCI İndekslerine Giren Dergi)
- CCXI. **Immobilization of Invertase in a Novel Proton Conducting Poly(vinylphosphonic acid) - poly(1-vinylimidazole) Network**
Isikli S., Tuncagil S., Bozkurt A., TOPPARE L. K.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.47, sa.7, ss.639-646, 2010
(SCI İndekslerine Giren Dergi)
- CCXII. **Processable donor-acceptor type electrochromes switching between multicolored and highly transmissive states towards single component RGB-based display devices**
Balan A., Baran D., TOPPARE L. K.
JOURNAL OF MATERIALS CHEMISTRY, cilt.20, sa.44, ss.9861-9866, 2010 (SCI İndekslerine Giren Dergi)
- CCXIII. **A Quinoxaline Derivative as a Long Wavelength Photosensitizer for Diaryliodonium Salts**
Bulut U., Gunbas G. E., Toppare L.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.48, sa.1, ss.209-213, 2010 (SCI İndekslerine Giren Dergi)
- CCXIV. **A novel quinoxaline bearing electroactive monomer: Pyrrole as the donor moiety**
Taskin A. T., Balan A., Epik B., Yildiz E., Udum Y. A., TOPPARE L. K.
ELECTROCHIMICA ACTA, cilt.54, sa.23, ss.5449-5453, 2009 (SCI İndekslerine Giren Dergi)
- CCXV. **Electrochemical polymerization of 1-(4-nitrophenyl)-2,5-di(2-thienyl)-1 H-pyrrole as a novel immobilization platform for microbial sensing**
Tuncagil S., ODACI DEMİRKOL D., Varis S., TİMUR S., Toppare L.
BIOELECTROCHEMISTRY, cilt.76, ss.169-174, 2009 (SCI İndekslerine Giren Dergi)
- CCXVI. **Tuning of the neutral state color of the pi-conjugated donor-acceptor-donor type polymer from blue to green via changing the donor strength on the polymer**
Tarkuc S., Udum Y. A., TOPPARE L. K.
POLYMER, cilt.50, sa.15, ss.3458-3464, 2009 (SCI İndekslerine Giren Dergi)
- CCXVII. **Donor acceptor type neutral state green polymer bearing pyrrole as the donor unit**
Celebi S., Balan A., Epik B., Baran D., TOPPARE L. K.
ORGANIC ELECTRONICS, cilt.10, sa.4, ss.631-636, 2009 (SCI İndekslerine Giren Dergi)
- CCXVIII. **Batteries and a Pinch of Salt: A Simple Toolkit for the Production of Poly(methylsilyne)**
Eroglu D., Nur Y., Soenmez U., Bayram G., Pitcher M. W., TOPPARE L. K.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.112, sa.6, ss.3519-3521, 2009 (SCI İndekslerine Giren Dergi)
- CCXIX. **Electrochemical polymerization of hexachloroethane to form poly(hydridocarbyne): a pre-ceramic polymer for diamond production**
Nur Y., Cengiz H. M., Pitcher M. W., TOPPARE L. K.
JOURNAL OF MATERIALS SCIENCE, cilt.44, sa.11, ss.2774-2779, 2009 (SCI İndekslerine Giren Dergi)
- CCXX. **L-Dopa synthesis using tyrosinase immobilized on magnetic beads**
Tuncagil S., Kayahan S. K., BAYRAMOĞLU G., ARICA M. Y., TOPPARE L. K.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATIC, cilt.58, ss.187-193, 2009 (SCI İndekslerine Giren Dergi)
- CCXXI. **Poly(pyrrole) versus poly(3,4-ethylenedioxythiophene): amperometric cholesterol biosensor matrices**
Tuerkarlan O., Kayahan S. K., TOPPARE L. K.
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, cilt.13, sa.5, ss.657-663, 2009 (SCI İndekslerine Giren Dergi)
- CCXXII. **Electrochromic Properties of a Copolymer of 1-4-Di[2,5-di(2-thienyl)-1H-1-pyrrolyl]benzene with EDOT**
KİRALP S., ÇAMURLU P., GUNBAS G., TANYELİ C., AKHMEDOV I., Toppare L.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.112, sa.2, ss.1082-1087, 2009 (SCI İndekslerine Giren Dergi)

- CCXXIII. **Synthesis of star-shaped pyrrole and thiophene functionalized monomers and optoelectrochemical properties of corresponding copolymers**
Ak M., TOPPARE L. K.
MATERIALS CHEMISTRY AND PHYSICS, cilt.114, ss.789-794, 2009 (SCI İndekslerine Giren Dergi)
- CCXXIV. **Immobilizing cholesterol oxidase in chitosan-alginate network**
Yapar E., Kayahan S. K. , Bozkurt A., TOPPARE L. K.
CARBOHYDRATE POLYMERS, cilt.76, sa.3, ss.430-436, 2009 (SCI İndekslerine Giren Dergi)
- CCXXV. **Design of a microbial sensor using conducting polymer of 4-(2,5-di(thiophen-2-yl)-1H-pyrrole-1-yl)benzenamine**
Tuncagil S., ODACI DEMİRKOL D., Yidiz E., TİMUR S., Toppare L.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.137, sa.1, ss.42-47, 2009 (SCI İndekslerine Giren Dergi)
- CCXXVI. **A new amperometric cholesterol biosensor based on poly(3,4-ethylenedioxythiophene)**
Turkarlan O., Kayahan S. K. , TOPPARE L. K.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.136, sa.2, ss.484-488, 2009 (SCI İndekslerine Giren Dergi)
- CCXXVII. **A bis-selenophene substituted alkoxy benzene derivative as a highly stable novel electrochromic polymer**
Udum Y. A. , Tarkuc S., TOPPARE L. K.
SYNTHETIC METALS, cilt.159, ss.361-365, 2009 (SCI İndekslerine Giren Dergi)
- CCXXVIII. **A new p- and n-dopable selenophene derivative and its electrochromic properties**
Cetin G. A. , Balan A., Durmus A., Gunbas G., TOPPARE L. K.
ORGANIC ELECTRONICS, cilt.10, sa.1, ss.34-41, 2009 (SCI İndekslerine Giren Dergi)
- CCXXIX. **Electrospinning of cyclodextrin functionalized poly(methyl methacrylate) (PMMA) nanofibers**
Uyar T., Balan A., Toppare L., Besenbacher F.
POLYMER, cilt.50, sa.2, ss.475-480, 2009 (SCI İndekslerine Giren Dergi)
- CCXXX. **One polymer for all: benzotriazole containing donor-acceptor type polymer as a multi-purpose material**
Balan A., Baran D., Gunbas G., Durmus A., Ozyurt F., TOPPARE L. K.
CHEMICAL COMMUNICATIONS, sa.44, ss.6768-6770, 2009 (SCI İndekslerine Giren Dergi)
- CCXXXI. **Synthesis and Characterization of Conducting Copolymers of Bisphenol A-Diglycidyl Ether with Thiophene Side-Groups and Pyrrole**
Sahmetlioglu E., Varol R., TOPPARE L. K. , Yuruk H.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.46, sa.6, ss.584-590, 2009 (SCI İndekslerine Giren Dergi)
- CCXXXII. **Immobilization of Invertase in Copolymer of 2,5-Di(thiophen-2-yl)-1-p-Tolyl-1H-Pyrrole with Pyrrole**
Celebi S., Ibibikcan E., Kayahan S. K. , Yigitsoy B., TOPPARE L. K.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.46, sa.8, ss.739-744, 2009 (SCI İndekslerine Giren Dergi)
- CCXXXIII. **Poly(hydroxyacetylene) as Highly Processable Insulating Polymer Precursor to Micro/Nanostructures and Graphite Conductors**
Katzenmeyer A. M. , Bayam Y., Logeeswaran V. J. , Pitcher M. W. , Nur Y., Seyyidoglu S., TOPPARE L. K. , Talin A. A. , Han H., Davis C. E. , et al.
JOURNAL OF NANOMATERIALS, cilt.2009, 2009 (SCI İndekslerine Giren Dergi)
- CCXXXIV. **The Synthesis of Complex Polymer Electrolytes Based on Alginate and Poly(1-vinylimidazole) and Application in Tyrosinase Immobilization**
Kartal M., Kayahan S. K. , Bozkurt A., Toppare L.
POLYMER JOURNAL, cilt.41, sa.1, ss.46-50, 2009 (SCI İndekslerine Giren Dergi)
- CCXXXV. **Donor-Acceptor Polymer with Benzotriazole Moiety: Enhancing the Electrochromic Properties of the "Donor Unit"**
Balan A., Gunbas G., Durmus A., Toppare L.
CHEMISTRY OF MATERIALS, cilt.20, sa.24, ss.7510-7513, 2008 (SCI İndekslerine Giren Dergi)

- CCXXXVI. **Entrapment of invertase in an interpenetrated polymer network of alginic acid and poly (1-vinylimidazole)**
Kartal M., Kayahan S. K. , Bozkurt A., Toppare L.
TALANTA, cilt.77, sa.2, ss.659-662, 2008 (SCI İndekslerine Giren Dergi)
- CCXXXVII. **Synthesis and characterization of water-soluble oligosalicylaldehyde-sulfanilic acid and its Cu(II), Co(II), Pb(II) complexes**
Turac E., Surme Y., Sahmetlioglu E., Varol R., NARİN I., Toppare L.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.110, sa.1, ss.564-568, 2008 (SCI İndekslerine Giren Dergi)
- :CXXXVIII. **Synthesis, characterization and optoelectrochemical properties of poly(1,6-bis(2,5-di(thiophen-2-yl)-1H-pyrrol-1-yl)hexane) and its copolymer with EDOT**
Ak M., Sahmetlioglu E., Toppare L.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.621, sa.1, ss.55-61, 2008 (SCI İndekslerine Giren Dergi)
- CCXXXIX. **Photovoltaic and photophysical properties of a novel bis-3-hexylthiophene substituted quinoxaline derivative**
GÜNEŞ S., Baran D., Guenbas G., Oezyurt F., Fuchsbauer A., Sariciftci N. S. , Toppare L.
SOLAR ENERGY MATERIALS AND SOLAR CELLS, cilt.92, sa.9, ss.1162-1169, 2008 (SCI İndekslerine Giren Dergi)
- CCXL. **Both p- and n-type dopable polymer toward electrochromic applications**
Udum Y. A. , Durmus A., Gunbas G. E. , Toppare L.
ORGANIC ELECTRONICS, cilt.9, sa.4, ss.501-506, 2008 (SCI İndekslerine Giren Dergi)
- CCXLI. **Synthesis of a dipyrromethane functionalized monomer and optoelectrochromic properties of its polymer**
Ak M., Gancheva V., Terlemezyan L., Tanyeli G., Toppare L.
EUROPEAN POLYMER JOURNAL, cilt.44, sa.8, ss.2567-2573, 2008 (SCI İndekslerine Giren Dergi)
- CCXLII. **A unique processable green polymer with a transmissive oxidized state for realization of potential RGB-based electrochromic device applications**
Gunbas G. E. , Durmus A., Toppare L.
ADVANCED FUNCTIONAL MATERIALS, cilt.18, sa.14, ss.2026-2030, 2008 (SCI İndekslerine Giren Dergi)
- CCXLIII. **Electrochromic properties of poly (1-(phenyl)-2,5-di(2-thienyl)-1H-pyrrole-co-3,4-ethylenedioxy thiophene) and its application in electrochromic devices**
TARKUC S., SAHMETLİOĞLU E., TANYELİ C., Akhmedov I. M. , TOPPARE L. K.
OPTICAL MATERIALS, cilt.30, sa.10, ss.1489-1494, 2008 (SCI İndekslerine Giren Dergi)
- CCXLIV. **Processable and multichromic polymer of bis-3-hexylthiophene substituted 4-tert-butylphenyl quinoxaline**
Ozyurt F., GÜNBAŞ E. G. , Durmus A., Toppare L.
ORGANIC ELECTRONICS, cilt.9, sa.3, ss.296-302, 2008 (SCI İndekslerine Giren Dergi)
- CCXLV. **A new donor-acceptor type polymeric material from a thiophene derivative and its electrochromic properties**
Udum Y. A. , Yildiz E., Gunbas G., Toppare L.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.46, sa.11, ss.3723-3731, 2008 (SCI İndekslerine Giren Dergi)
- CCXLVI. **Thermal analysis of a new thiophene derivative and its copolymer**
Aslan E., TOPPARE L. K. , HACALOĞLU J.
Journal of Thermal Analysis and Calorimetry, cilt.92, sa.3, ss.839-843, 2008 (SCI İndekslerine Giren Dergi)
- CCXLVII. **Syntheses of electroactive layers based on functionalized anthracene for electrochromic applications**
YILDIRIM A., Tarkuc S., AK M., TOPPARE L. K.
ELECTROCHIMICA ACTA, cilt.53, sa.14, ss.4875-4882, 2008 (SCI İndekslerine Giren Dergi)
- CCXLVIII. **Use of a thiophene-based conducting polymer in microbial biosensing**
ODACI DEMİRKOL D., Kayahan S. K. , TİMUR S., Toppare L.
ELECTROCHIMICA ACTA, cilt.53, sa.12, ss.4104-4108, 2008 (SCI İndekslerine Giren Dergi)
- CCXLIX. **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, cilt.516, sa.12, ss.4139-4144, 2008 (SCI İndekslerine Giren Dergi)
- CCL. **Optoelectrochemical properties of the copolymer of 2,5-di(4-methylthiophen-2-yl)-1-(4-nitrophenyl)-1H-pyrrole monomer with 3,4-ethylenedioxythiophene**
AK M., Tanyeli C., Akhmedo D. M. , Toppare L.
THIN SOLID FILMS, cilt.516, sa.12, ss.4334-4341, 2008 (SCI İndekslerine Giren Dergi)
- CCLI. **Enhancing electrochromic properties of polypyrrole by silsesquioxane nanocages**
Ak M., Gacal Özcan B., Kışkan B., Yağcı Y., Toppare L.
POLYMER, cilt.49, sa.9, ss.2202-2210, 2008 (SCI İndekslerine Giren Dergi)
- CCLII. **Synthesis, characterization and electrochromic properties of a near infrared active conducting polymer of 1,4-di(selenophen-2-yl)-benzene**
Aydemir K., Tarkuc S., Durmus A., Gunbas G. E. , Toppare L.
POLYMER, cilt.49, sa.8, ss.2029-2032, 2008 (SCI İndekslerine Giren Dergi)
- CCLIII. **A fast switching, low band gap, p- and n-dopable, donor-acceptor type polymer**
Gunbas G. E. , ÇAMURLU P., Akhmedov I. M. , TANYELİ C., ÖNAL A. M. , Toppare L.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.615, sa.1, ss.75-83, 2008 (SCI İndekslerine Giren Dergi)
- CCLIV. **Immobilization of invertase on a conducting polymer of 1-(4-nitrophenyl)-2,5-di(2-thienyl)-1H-pyrrole**
Tuncagil S., Kiralp S., Varlı S., Toppare L.
REACTIVE & FUNCTIONAL POLYMERS, cilt.68, sa.3, ss.710-717, 2008 (SCI İndekslerine Giren Dergi)
- CCLV. **Characterization of conducting copolymer of pyrrole via pyrolysis mass spectrometry**
Levent A., Hacaloğlu J., Toppare L.
Journal of Macromolecular Science, Part A: Pure and Applied Chemistry, cilt.45, ss.201-204, 2008 (SCI İndekslerine Giren Dergi)
- CCLVI. **An alternative supporting electrolyte for enzyme immobilization in conducting polymers**
Kiralp S., Balik B., KARATAŞ S., Toppare L., Gungorb A.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.42, sa.2, ss.191-194, 2008 (SCI İndekslerine Giren Dergi)
- CCLVII. **Could green be greener? Novel donor-acceptor-type electrochromic polymers: Towards excellent neutral green materials with exceptional transmissive oxidized states for completion of RGB color space**
Gunbas G. E. , Durmus A., Toppare L.
ADVANCED MATERIALS, cilt.20, sa.4, ss.691-696, 2008 (SCI İndekslerine Giren Dergi)
- CCLVIII. **Covalent immobilization of chloroperoxidase onto magnetic beads: Catalytic properties and stability**
Bayramoglu G., Kiralp S., Yilmaz M., Toppare L., Arica M. Y.
BIOCHEMICAL ENGINEERING JOURNAL, cilt.38, sa.2, ss.180-188, 2008 (SCI İndekslerine Giren Dergi)
- CCLIX. **Multichromic conducting copolymer of 1-benzyl-2,5-di(thiophen-2-yl)-1H-pyrrole with EDOT**
ÇAMURLU P., Tarkuc S., ŞAHMETLİOĞLU E., AKHMEDOV I. M. , TANYELİ C., Toppare L.
SOLAR ENERGY MATERIALS AND SOLAR CELLS, cilt.92, sa.2, ss.154-159, 2008 (SCI İndekslerine Giren Dergi)
- CCLX. **Alcohol determination via covalent enzyme immobilization on magnetic beads**
Kiralp S., Topcu A., Bayramoglu G., Arica M. Y. , TOPPARE L. K.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.128, sa.2, ss.521-528, 2008 (SCI İndekslerine Giren Dergi)
- CCLXI. **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, cilt.612, sa.2, ss.247-256, 2008 (SCI İndekslerine Giren Dergi)
- CCLXII. **Electrochemical Synthesis of a Water-Soluble and Self-Doped Polythiophene Derivative**
Turac E., Varol R., Ak M., Sahmetlioglu E., Toppare L.
DESIGNED MONOMERS AND POLYMERS, cilt.11, sa.4, ss.309-317, 2008 (SCI İndekslerine Giren Dergi)
- CCLXIII. **Electrochromic properties of 'Trimeric' thiophene-pyrrole-thiophene derivative grown from electrodeposited 6-(2,5-di(thiophen-2-yl)-1H-pyrrol-1-yl)hexan-1-amine and its copolymer**

- Tarkuc S., Ak M., Onurhan E., TOPPARE L. K.
 JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.45, sa.2, ss.164-171, 2008
 (SCI İndekslerine Giren Dergi)
- CCLXIV. **Facile synthesis of poly(hydridocarbyne): A precursor to diamond and diamond-like ceramics**
 Nur Y., Pitcher M. W. , Seyyidoglu S., TOPPARE L. K.
 JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.45, sa.5, ss.358-363, 2008
 (SCI İndekslerine Giren Dergi)
- CCLXV. **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, cilt.45, sa.12, ss.1011-1016,
 2008 (SCI İndekslerine Giren Dergi)
- CCLXVI. **New, highly stable electrochromic polymers from 3,4-ethylenedioxythiophene-bis-substituted quinoxalines toward green polymeric materials**
 Durmus A., Gunbas G. E. , Toppare L.
 CHEMISTRY OF MATERIALS, cilt.19, sa.25, ss.6247-6251, 2007 (SCI İndekslerine Giren Dergi)
- CCLXVII. **Optoelectrochemical properties of poly(5,12-dihydrothieno[3',4':2,3][1,4] dioxocino[6,7-b]quinoxaline-co-2,2' bithiophene) and its electrochromic device application**
 Ak M., Ak M. S. , GÜLLÜ M., Toppare L.
 SMART MATERIALS & STRUCTURES, cilt.16, sa.6, ss.2621-2626, 2007 (SCI İndekslerine Giren Dergi)
- CCLXVIII. **Enhancing electrochromic properties of conducting polymers via copolymerization: Copolymer of 1-(4-fluorophenyl)-2,5-di(thiophen-2-yl)-1H-pyrrole with 3,4-ethylene dioxythiophene**
 Turkarslan O., Ak M., Tanyeli C., Akhmedov I. M. , Toppare L.
 JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.45, sa.19, ss.4496-4503, 2007 (SCI İndekslerine Giren Dergi)
- CCLXIX. **Solid state electrochromic device applications of N-(2-(thiophen-3-yl)methylcarbonyloxyethyl) maleimide**
 Ak M., DurtnuS A., Toppare L.
 SOLID STATE SCIENCES, cilt.9, sa.9, ss.843-849, 2007 (SCI İndekslerine Giren Dergi)
- CCLXX. **INOR 396-Batteries and a pinch of salt: A simple toolkit for the production of poly(methylsilyne), a precursor to silicon carbide ceramics**
 Pitcher M. W. , Soenmez U., Eroglu D., Nur Y., Bayram G., Toppare L.
 ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, cilt.234, 2007 (SCI İndekslerine Giren Dergi)
- CCLXXI. **ORGN 114-Electrically produced polycarbynes: Polymeric precursors to diamond and diamond-like carbon**
 Pitcher M. W. , Nur Y., Seyyidoglu S., Taskin A., Cengiz H., Toppare L.
 ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, cilt.234, 2007 (SCI İndekslerine Giren Dergi)
- CCLXXII. **Electrochromic properties of a soluble conducting polymer: Poly(1-(4-fluorophenyl)-2,5-di(thiophen-2-yl)-1H-pyrrole)**
 ARSLAN A., Tuerkarslan O., Tanyeli C., Akhmedov I. M. , Toppare L.
 MATERIALS CHEMISTRY AND PHYSICS, cilt.104, ss.410-416, 2007 (SCI İndekslerine Giren Dergi)
- CCLXXIII. **Immobilization of tyrosinase and alcohol oxidase in conducting copolymers of thiophene functionalized poly(vinyl alcohol) with pyrrole**
 Yildiz H. B. , Sahmetlioglu E., Boyukbayram A. E. , Toppare L., Yagci Y.
 INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.41, sa.3, ss.332-337, 2007 (SCI İndekslerine Giren Dergi)
- CCLXXIV. **Synthesis and electropolymerization of 5,12-dihydrothieno[3',4':2,3][1,4]dioxocino[6,7-b]-quinoxaline and its electrochromic properties**
 Ak M. S. , Ak M., Guellue M., Toppare L.
 EUROPEAN POLYMER JOURNAL, cilt.43, sa.8, ss.3452-3460, 2007 (SCI İndekslerine Giren Dergi)
- CCLXXV. **Electrochromic properties of a novel low band gap conductive copolymer**
 Yigitsoy B., Varis S., Tanyeli C., Akhmedov I. M. , Toppare L.

ELECTROCHIMICA ACTA, cilt.52, sa.23, ss.6561-6568, 2007 (SCI İndekslerine Giren Dergi)

- CCLXXVI. **Characterization and potential applications of immobilized glucose oxidase and polyphenol oxidase**
Ekinci O., Boyukbayram A. E., Kiralp S., Toppare L., Yagci Y.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.44, ss.801-808, 2007 (SCI İndekslerine Giren Dergi)
- CCLXXVII. **Phenol biosensor based on electrochemically controlled integration of tyrosinase in a redox polymer**
Yildiz H. B., Castillo J., Guschin D. A., Toppare L., Schuhmann W.
MICROCHIMICA ACTA, cilt.159, ss.27-34, 2007 (SCI İndekslerine Giren Dergi)
- :CLXXVIII. **Various applications of immobilized glucose oxidase and polyphenol oxidase in a conducting polymer matrix**
Cil M., Boyukbayram A. E., Kiralp S., Toppare L., Yagci Y.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.41, sa.1, ss.49-55, 2007 (SCI İndekslerine Giren Dergi)
- CCLXXIX. **Synthesis and characterization of poly(N-(2-(thiophen-3-yl)methylcarbonyloxyethyl)maleimide) and its spectroelectrochemical properties**
Ak M., Durmus A., Toppare L.
JOURNAL OF APPLIED ELECTROCHEMISTRY, cilt.37, sa.6, ss.729-735, 2007 (SCI İndekslerine Giren Dergi)
- CCLXXX. **Gas sensing property of a conducting copolymer**
Ak M., Yigitsoy B., Yagci Y., Toppare L.
E-POLYMERS, 2007 (SCI İndekslerine Giren Dergi)
- CCLXXXI. **A novel multielectrochromic copolymer based on 1-(4-nitrophenyl)-2,5-di(2-thienyl)-1H-pyrrole and EDOT**
Varis S., Ak M., Akhmedov I. M., Tanyeli C., Toppare L.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.603, sa.1, ss.8-14, 2007 (SCI İndekslerine Giren Dergi)
- CCLXXXII. **Characteristics of dual-type electrochromic devices based on poly(ethylene oxide) copolymers**
Yildiz H. B., Sahin E., Cirpan A., Toppare L., Yagci Y.
POLYMER INTERNATIONAL, cilt.56, sa.5, ss.674-678, 2007 (SCI İndekslerine Giren Dergi)
- :CLXXXIII. **A pyrolysis mass spectrometry study of polythiophene copolymers**
Aslan E., HACALOĞLU J., Toppare L.
Polymer Degradation and Stability, cilt.92, sa.5, ss.822-828, 2007 (SCI İndekslerine Giren Dergi)
- :CLXXXIV. **Preparation of conductive polybenzoxazines by oxidative polymerization**
Kiskan B., Yagci Y., Sahmetioglu E., Toppare L.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.45, sa.6, ss.999-1006, 2007 (SCI İndekslerine Giren Dergi)
- CCLXXXV. **Conducting copolymers of random and block copolymers of electroactive and liquid crystalline monomers with pyrrole and thiophene**
Camurlu P., Toppare L., Yilmaz F., Yagci Y., Galli G.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.44, sa.3, ss.265-270, 2007 (SCI İndekslerine Giren Dergi)
- :CLXXXVI. **A soluble conducting polymer of 2,5-di(thiophen-2-yl)-1-p-tolyl-1H-pyrrole and its electrochromic device**
YİĞİTSOY B., VARİS S., Tanyeli C., Akhmedov I. M., Toppare L.
THIN SOLID FILMS, cilt.515, ss.3898-3904, 2007 (SCI İndekslerine Giren Dergi)
- CLXXXVII. **Electrochromic properties of a soluble conducting polymer of 1-benzyl-2,5-di(thiophene-2-yl)-1H-pyrrole**
Tarkuc S., Sahmetioglu E., Tanyeh C., Akhmedov I. M., Toppare L.
SENSORS AND ACTUATORS B-CHEMICAL, cilt.121, sa.2, ss.622-628, 2007 (SCI İndekslerine Giren Dergi)
- :LXXXVIII. **A neutral state green polymer with a superior transmissive light blue oxidized state**
Durmus A., Gunbas G. E., Camurlu P., Toppare L.
CHEMICAL COMMUNICATIONS, sa.31, ss.3246-3248, 2007 (SCI İndekslerine Giren Dergi)

- 3CLXXXIX. **Electrochromic properties of copolymer of terephthalic acid bis-(thiophen-3-yl-methyl) thioester with pyrrole**
Tuerkarslan O., Toppare L.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.44, sa.1, ss.73-78, 2007 (SCI İndekslerine Giren Dergi)
- CCXC. **Construction of electrochromic devices using thiophene based conducting polymers**
COSKUN Y., Cirpan A., TOPPARE L. K.
JOURNAL OF MATERIALS SCIENCE, cilt.42, sa.1, ss.368-372, 2007 (SCI İndekslerine Giren Dergi)
- CCXCI. **Electrochromic properties and electrochromic device application of copolymer of N-(4-(3-thienyl methylene)-oxycarbonylphenyl)maleimide with thiophene**
Ak M., Camurlu P., Yilmaz F., Cianga L., Yagci Y., Toppare L.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.102, sa.5, ss.4500-4505, 2006 (SCI İndekslerine Giren Dergi)
- CCXCII. **Synthesis and characterization of a new soluble conducting polymer and its electrochromic device**
Varis S., Ak M., Tanyeli C., Akhmedov I. M. , Toppare L.
SOLID STATE SCIENCES, cilt.8, sa.12, ss.1477-1483, 2006 (SCI İndekslerine Giren Dergi)
- CCXCIII. **Synthesis of conducting copolymers of thiophene capped poly(ethylene oxide) with pyrrole and thiophene**
Yildiz H. B. , Kiralp S., Toppare L., Yagci Y., Ito K.
MATERIALS CHEMISTRY AND PHYSICS, cilt.100, sa.1, ss.124-127, 2006 (SCI İndekslerine Giren Dergi)
- CCXCIV. **Synthesis and characterization of a new soluble conducting polymer and its electrochromic devices**
Sahin E., Sahmetlioglu E., Akhmedov I. M. , Tanyeli C., Toppare L.
ORGANIC ELECTRONICS, cilt.7, sa.5, ss.351-362, 2006 (SCI İndekslerine Giren Dergi)
- CCXCV. **Synthesis and characterization of conducting graft copolymers based on oligophenols**
Sahmetlioglu E., Arikan U., Toppare L., Yuruk H., Mart H.
JOURNAL OF MACROMOLECULAR SCIENCE PART A-PURE AND APPLIED CHEMISTRY, cilt.43, sa.10, ss.1523-1530, 2006 (SCI İndekslerine Giren Dergi)
- CCXCVI. **Preparation of biosensors by immobilization of polyphenol oxidase in conducting copolymers and their use in determination of phenolic compounds in red wine**
Boyukbayram A. E. , Kiralp S., Toppare L., Yagci Y.
BIOELECTROCHEMISTRY, cilt.69, sa.2, ss.164-171, 2006 (SCI İndekslerine Giren Dergi)
- CCXCVII. **A soluble and multichromic conducting polythiophene derivative**
Varis S., Ak M., Tanyeli C., Akhmedov I. M. , Toppare L.
EUROPEAN POLYMER JOURNAL, cilt.42, sa.10, ss.2352-2360, 2006 (SCI İndekslerine Giren Dergi)
- CCXCVIII. **Electrochemical properties of a new star-shaped pyrrole monomer and its electrochromic applications**
Ak M., Ak M. S. , Toppare L.
MACROMOLECULAR CHEMISTRY AND PHYSICS, cilt.207, sa.15, ss.1351-1358, 2006 (SCI İndekslerine Giren Dergi)
- CCXCIX. **Immobilization of polyphenol oxidase in conducting graft copolymers and determination of phenolic amount in red wines with enzyme electrodes**
Yildiz H. B. , Toppare L., Gursel Y. H. , Yagci Y.
ENZYME AND MICROBIAL TECHNOLOGY, cilt.39, sa.4, ss.945-948, 2006 (SCI İndekslerine Giren Dergi)
- CCC. **Synthesis, characterization and electrochromic properties of copolymer of 3-{[4-(thien-3-yl-methoxy)phenoxy]methyl} thiophene with thiophene**
Erden A., Sahin E., Gullu M., Toppare L.
EUROPEAN POLYMER JOURNAL, cilt.42, sa.8, ss.1866-1874, 2006 (SCI İndekslerine Giren Dergi)
- CCCI. **Dual-type electrochromic devices based on both n- and p-dopable poly(dithieno[3,4-b,3',4'-e]-[1,4]-dithiine)**
Sahin E., Camurlu P., Toppare L.
SYNTHETIC METALS, cilt.156, ss.1073-1077, 2006 (SCI İndekslerine Giren Dergi)
- CCCII. **A soluble conducting polymer: 1-phenyl-2,5-di(2-thienyl)-1H-pyrrole and its electrochromic application**

- Tarkuc S., Sahmetlioglu E., Tanyeli C., Akhmedov I. M., Toppare L. K.
ELECTROCHIMICA ACTA, cilt.51, sa.25, ss.5412-5419, 2006 (SCI İndekslerine Giren Dergi)
- CCCIII. **Preventing inhibition of tyrosinase with modified electrodes**
Narli I., Kiralp S., Toppare L.
ANALYTICA CHIMICA ACTA, cilt.572, sa.1, ss.25-31, 2006 (SCI İndekslerine Giren Dergi)
- CCCIV. **Biosensing approach for alcohol determination using immobilized alcohol oxidase**
Yildiz H. B., Toppare L.
BIOSENSORS & BIOELECTRONICS, cilt.21, sa.12, ss.2306-2310, 2006 (SCI İndekslerine Giren Dergi)
- CCCV. **Electrochromic properties of poly(diphenyldithieno[3,2-b; 2',3'-d]thiophene)**
Mert O., Sahin E., Ertas E., Ozturk T., Aydin E. A., Toppare L.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.591, sa.1, ss.53-58, 2006 (SCI İndekslerine Giren Dergi)
- CCCVI. **Investigation of copolymers of thiophene-functionalized polystyrene with pyrrole by pyrolysis mass spectrometry**
Papila O., Toppare L., HACALOĞLU J.
Journal of Macromolecular Science - Pure and Applied Chemistry, cilt.43, ss.655-665, 2006 (SCI İndekslerine Giren Dergi)
- CCCVII. **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**
Bingol B., Camurlu P., Toppare L.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.100, sa.3, ss.1988-1994, 2006 (SCI İndekslerine Giren Dergi)
- CCCVIII. **A new soluble conducting polymer and its electrochromic devices**
YILDIZ U. H., SAHİN E., Akhmedov I., Tanyeli C., Toppare L. K.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.44, sa.7, ss.2215-2225, 2006 (SCI İndekslerine Giren Dergi)
- CCCIX. **Novel conducting polymer electrolyte biosensor based on poly(1-vinyl imidazole) and poly(acrylic acid) networks**
Arslan A., Kiralp S., Toppare L., Bozkurt A.
LANGMUIR, cilt.22, sa.6, ss.2912-2915, 2006 (SCI İndekslerine Giren Dergi)
- CCCX. **Synthesis, characterization and electrochromic properties of a conducting copolymer of pyrrole functionalized polystyrene with pyrrole**
Tarkuc S., Sahin E., Toppare L., Colak D., Cianga I., Yagci Y.
POLYMER, cilt.47, sa.6, ss.2001-2009, 2006 (SCI İndekslerine Giren Dergi)
- CCCXI. **Immobilization of invertase and glucose oxidase in conducting copolymers of thiophene functionalized poly(vinyl alcohol) with pyrrole**
Sahmetlioglu E., Yuruk H., Toppare L., Cianga I., Yagci Y.
REACTIVE & FUNCTIONAL POLYMERS, cilt.66, sa.3, ss.365-371, 2006 (SCI İndekslerine Giren Dergi)
- CCCXII. **Dual type complementary colored polymer electrochromic devices based on conducting polymers of poly(hexanedioic acid bis-(2-thiophen-3-yl-ethyl ester)**
Camurlu P., Toppare L.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, sa.3, ss.449-458, 2006 (SCI İndekslerine Giren Dergi)
- CCCXIII. **Synthesis and electrochromic properties of conducting copolymers of dioxocino- and dithiocino- quinoxalines with bithiophene**
Beyazyidirim S., Camurlu P., Yilmaz D., Gullu M., Toppare L.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.587, sa.2, ss.235-246, 2006 (SCI İndekslerine Giren Dergi)
- CCCXIV. **Both anodically and cathodically coloring electrochromic polymer based on dithieno[3,4-b,3',4'-e]-[1,4]-dithiine**
Sahin E., Camurlu P., Toppare L.
SYNTHETIC METALS, cilt.156, ss.124-128, 2006 (SCI İndekslerine Giren Dergi)
- CCCXV. **Conducting polymers of succinic acid bis-(2-thiophen-3-yl-ethyl)ester and their electrochromic properties**

- SACAN L., Cirpan A., CAMURLU P., TOPPARE L. K.
SYNTHETIC METALS, cilt.156, ss.190-195, 2006 (SCI İndekslerine Giren Dergi)
- CCCXVI. **Synthesis, characterization and electrochromic properties of copolymer of terephthalic acid bis-(thiophen-3-yl-methyl) thioester with thiophene**
Turkarşlan O., Erden A., Sahin E., Toppare L.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, sa.1, ss.115-128, 2006 (SCI İndekslerine Giren Dergi)
- CCCXVII. **Polyphenol content in selected Turkish wines, an alternative method of detection of phenolics**
Kiralp S., Toppare L.
PROCESS BIOCHEMISTRY, cilt.41, sa.1, ss.236-239, 2006 (SCI İndekslerine Giren Dergi)
- CCCXVIII. **Immobilization of glucose oxidase in conducting graft copolymers and determination of glucose amount in orange juices with enzyme electrodes**
Yildiz H., Kiralp S., Toppare L., Yagci Y.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.37, sa.4, ss.174-178, 2005 (SCI İndekslerine Giren Dergi)
- CCCXIX. **Characterization of conducting copolymer of thiophene via pyrolysis mass spectrometry**
Levent A., HACALOĞLU J., Toppare L.
Journal of Macromolecular Science - Pure and Applied Chemistry, sa.12, ss.1639-1653, 2005 (SCI İndekslerine Giren Dergi)
- CCCXX. **Synthesis and characterization of thiophene functionalized polystyrene copolymers and their electrochemical properties**
Sahin E., Camurlu P., Toppare L., Mercore V., Cianga I., Yagci Y.
POLYMER INTERNATIONAL, cilt.54, sa.12, ss.1599-1605, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXI. **Investigation of the effect of substituent on the growth of polymer for 3-substituted polythiophenes via pyrolysis mass spectrometry**
Aslan E., Toppare L., HACALOĞLU J.
Synthetic Metals, cilt.155, sa.1, ss.191-195, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXII. **Enzyme electrodes for determination of total phenolic capacity of red wines**
KIRALP S., Cirpan A., TOPPARE L. K.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.98, sa.1, ss.521-524, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXIII. **Conducting polymers of octanoic acid 2-thiophen-3-yl-ethyl ester and their electrochromic properties**
CAMURLU P., Cirpan A., TOPPARE L. K.
MATERIALS CHEMISTRY AND PHYSICS, cilt.92, ss.413-418, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXIV. **Synthesis and characterization of thiophen-3-yl acetic acid 4-pyrrol-1-yl phenyl ester and its conducting polymers**
BINGÖL B., GÜNER Y., ÇIRPAN A., TOPPARE L.
International Journal of Polymeric Materials and Polymeric Biomaterials, cilt.54, sa.8, ss.713-730, 2005 (SCI Expanded İndekslerine Giren Dergi)
- CCCXXV. **Photoinduced polymerization of thiophene using iodonium salt**
Yagci Y., Yilmaz F., Kiralp S., Toppare L.
MACROMOLECULAR CHEMISTRY AND PHYSICS, cilt.206, sa.12, ss.1178-1182, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXVI. **Synthesis and characterization of thiophene-capped polytetrahydrofuran conducting copolymers**
Unur E., Toppare L., Yagci Y., Yilmaz F.
MATERIALS CHEMISTRY AND PHYSICS, cilt.91, ss.261-268, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXVII. **Conducting copolymers of thiophene functionalized polystyrenes with thiophene**
Sahin E., Camurlu P., Toppare L., Mercore V., Cianga I., Yagci Y.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.579, sa.2, ss.189-197, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXVIII. **Electronic properties of polyamide-PPy/metal junction and electrical conductivity of a typical sample at low temperatures**
SÜNEL N., SEDEF A. Y. , Parlak M., Toppare L. K.

- MATERIALS CHEMISTRY AND PHYSICS, cilt.91, sa.1, ss.227-232, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXIX. **Synthesis and characterization of a bifunctional amido-thiophene monomer and its copolymer with thiophene and electrochemical properties**
AK M., Cirpan A., YILMAZ F., YAGCI Y., TOPPARE L. K.
EUROPEAN POLYMER JOURNAL, cilt.41, sa.5, ss.967-973, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXX. **Immobilization of invertase in conducting polypyrrole/PMMA-co-PMTM graft copolymers**
Yildiz H., Kiralp S., Toppare L., Yagci Y.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.96, sa.2, ss.502-507, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXXI. **Thiophene ended epsilon-caprolactone conducting copolymers and their electrochromic properties**
Kerman I., Toppare L., Yilmaz F., Yagci Y.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, sa.4, ss.509-520, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXXII. **Immobilization of tyrosinase in polysiloxane/polypyrrole copolymer matrices**
Arslan A., Kiralp S., Toppare L., Yagci Y.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.35, ss.163-167, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXXIII. **Synthesis and electrochromic properties of a symmetric polythiophene derivative: Decanedionic acid bis-(2-thiophene-3-yl-ether)ester and its copolymer with thiophene**
Aslan E., Camurlu P., Toppare L.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, sa.4, ss.451-462, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXXIV. **Conducting copolymers of polytetrahydrofuran and their electrochromic properties**
Unur E., Toppare L., Yagci Y., Yilmaz F.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.95, sa.5, ss.1014-1023, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXXV. **Characterization of conducting copolymers of succinic acid bis-(4-pyrrol-1-yl-phenyl) ester and thiophene via pyrolysis mass spectrometry**
Ertas M., HACALOĞLU J., Toppare L.
Journal of Macromolecular Science - Pure and Applied Chemistry, sa.3, ss.277-289, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXXVI. **Immobilization of tyrosinase in poly(ethyleneoxide) electrodes and determination of phenolics in red wines**
Yildiz H., Kiralp S., Toppare L., Yagci Y.
REACTIVE & FUNCTIONAL POLYMERS, cilt.63, sa.2, ss.155-161, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXXVII. **Synthesis and mesophase properties of block and random co-polymers of electroactive and liquid crystalline monomers**
Yilmaz F., Kasapoglu F., Hepuzer Y., Yagci Y., Toppare L., Fernandes E., Galli G.
DESIGNED MONOMERS AND POLYMERS, cilt.8, sa.3, ss.223-236, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXXVIII. **Conducting copolymers of 3-methylthienyl methacrylate and p-vinylbenzyloxy poly(ethyleneoxide) and their electrochromic properties**
Yildiz H., Kiralp S., Toppare L., Yilmaz F., Yagci Y., Ito K., Senyo T.
POLYMER BULLETIN, cilt.53, sa.3, ss.193-201, 2005 (SCI İndekslerine Giren Dergi)
- CCCXXXIX. **Synthesis and characterization of conducting copolymers of poly(vinyl alcohol) with thiophene side-groups and pyrrole**
Sahmetlioglu E., Yuruk H., Toppare L., Cianga I., Yagci Y.
POLYMER INTERNATIONAL, cilt.53, sa.12, ss.2138-2144, 2004 (SCI İndekslerine Giren Dergi)
- CCCXL. **Synthesis, characterization and electrochromic properties of conducting copolymers of 2,3-bis-[(3-thienylcarbonyl)oxy]propyl 3-thiophene carboxylate with thiophene and pyrrole**
Bulut U., Toppare L., Yilmaz F., Yagci Y.
EUROPEAN POLYMER JOURNAL, cilt.40, sa.11, ss.2421-2426, 2004 (SCI İndekslerine Giren Dergi)
- CCCXLI. **Dual type complementary colored polymer electrochromic devices utilized by 3-ester substituted thiophenes**

- CAMURLU P., Cirpan A., TOPPARE L. K.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.572, sa.1, ss.61-65, 2004 (SCI İndekslerine Giren Dergi)
- CCCXLII. **Synthesis, characterization, and electrochromic properties of conducting poly(hexanedioic acid bis-(2-thiophen-3-yl-ethyl ester) and its copolymer with thiophene**
CAMURLU P., Cirpan A., TOPPARE L. K.
SYNTHETIC METALS, cilt.146, sa.1, ss.91-97, 2004 (SCI İndekslerine Giren Dergi)
- CCCXLIII. **Characterization of polypyrrole-thiophene capped poly(methyl methacrylate) via pyrolysis mass spectrometry**
Athar I., HACALOĞLU J., Toppare L.
International Journal of Polymeric Materials and Polymeric Biomaterials, cilt.53, sa.10, ss.879-887, 2004 (SCI Expanded İndekslerine Giren Dergi)
- CCCXLIV. **Characterization of the polymer of a dipyrrolyl monomer by pyrolysis mass spectrometry**
Ertas M., HACALOĞLU J., Toppare L.
Polymer International, cilt.53, sa.8, ss.1198-1204, 2004 (SCI İndekslerine Giren Dergi)
- CCCXLV. **Conducting graft copolymers of pyrrole and thiophene with random copolymers of methyl methacrylate and 3-methylthienyl methacrylate**
Guner Y., Toppare L., Hepuzer Y., Yagci Y.
EUROPEAN POLYMER JOURNAL, cilt.40, sa.8, ss.1799-1806, 2004 (SCI İndekslerine Giren Dergi)
- CCCXLVI. **Conducting polymers of terephthalic acid bis-(2-thiophen-3-yl-ethyl) ester and their electrochromic properties**
Coskun Y., Cirpan A., Toppare L.
POLYMER, cilt.45, sa.15, ss.4989-4995, 2004 (SCI İndekslerine Giren Dergi)
- CCCXLVII. **Synthesis, characterization, and electrochromic properties of conducting copolymers of 2-[(3-thienylcarbonyl)oxy]ethyl 3-thiophene carboxylate with thiophene and pyrrole**
Bulut U., Alkan S., Yilmaz F., Yagci Y., Toppare L.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, sa.8, ss.937-947, 2004 (SCI İndekslerine Giren Dergi)
- :CCXLVIII. **Characterization of doped polypyrrole-poly(methylthienyl methacrylate) films via pyrolysis mass spectrometry**
Athar I., HACALOĞLU J., Toppare L.
Polymer International, cilt.53, sa.7, ss.926-930, 2004 (SCI İndekslerine Giren Dergi)
- CCCXLIX. **Conducting polymers of decanedioic acid bis-(4-pyrrol-1-yl-phenyl) ester**
Cirpan A., GUNER Y., TOPPARE L. K.
MATERIALS CHEMISTRY AND PHYSICS, cilt.85, sa.1, ss.222-226, 2004 (SCI İndekslerine Giren Dergi)
- CCCL. **Synthesis and characterization of conducting copolymers of succinic acid bis-(4-pyrrol-1-yl-phenyl) ester and their electrochromic properties**
Ertas M., Cirpan A., Toppare L.
SYNTHETIC METALS, cilt.143, sa.1, ss.49-58, 2004 (SCI İndekslerine Giren Dergi)
- CCCLI. **Structural and thermal characterization of PTSA doped polypyrrole-polytetrahydrofuran graft copolymer**
Özdilek C., HACALOĞLU J., Toppare L., Yagci Y.
Synthetic Metals, cilt.140, sa.1, ss.69-78, 2004 (SCI İndekslerine Giren Dergi)
- CCCLII. **Controlled synthesis of block copolymers containing side chain thiophene units and their use in electrocopolymerization with thiophene and pyrrole**
Yilmaz F., Sel O., Guner Y., Toppare L., Hepuzer Y., Yagci Y.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, sa.4, ss.401-418, 2004 (SCI İndekslerine Giren Dergi)
- CCCLIII. **Synthesis, characterization and electrochromic properties of conducting copolymers of 3-[(3-thienylcarbonyl)oxy]-2,2-bis{[(3-thienylcarbonyl)oxy]}propyl 3-thiophene carboxylate with thiophene and pyrrole**
Bulut U., Yilmaz F., Yagci Y., Toppare L.

- REACTIVE & FUNCTIONAL POLYMERS, cilt.61, sa.1, ss.63-70, 2004 (SCI İndekslerine Giren Dergi)
- CCCLIV. **Determination of phenolic compounds in wines with enzyme electrodes fabricated by immobilization of polyphenol oxidase in conducting copolymers**
Kiralp S., Toppare L., Yagci Y.
DESIGNED MONOMERS AND POLYMERS, cilt.7, ss.3-10, 2004 (SCI İndekslerine Giren Dergi)
- CCCLV. **Conducting copolymers of thiophene-functionalized polystyrene**
Papila O., Toppare L., Yagci Y., Cianga L.
INTERNATIONAL JOURNAL OF POLYMER ANALYSIS AND CHARACTERIZATION, cilt.9, ss.13-28, 2004 (SCI İndekslerine Giren Dergi)
- CCCLVI. **Immobilization of invertase and glucose oxidase in poly 2-methylbutyl-2-(3-thienyl) acetate/polypyrrole matrices**
Isik S., Alkan S., Toppare L., Cianga I., Yagci Y.
EUROPEAN POLYMER JOURNAL, cilt.39, sa.12, ss.2375-2381, 2003 (SCI İndekslerine Giren Dergi)
- CCCLVII. **Immobilization of polyphenol oxidase in conducting copolymers and determination of phenolic compounds in wines with enzyme electrodes**
Kiralp S., Toppare L., Yagci Y.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, cilt.33, ss.37-41, 2003 (SCI İndekslerine Giren Dergi)
- CCCLVIII. **Polycarbonate-polypyrrole mixed matrix gas separation membranes**
Hacarlioglu P., Toppare L., Yilmaz L.
JOURNAL OF MEMBRANE SCIENCE, cilt.225, ss.51-62, 2003 (SCI İndekslerine Giren Dergi)
- CCCLIX. **Effect of preparation parameters on performance of dense homogeneous polycarbonate gas separation membranes**
Hacarlioglu P., Toppare L., Yilmaz L.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.90, sa.3, ss.776-785, 2003 (SCI İndekslerine Giren Dergi)
- CCCLX. **Electroactive macromonomers based on pyrrole and thiophene: a versatile route to conducting block and graft polymers**
Yagci Y., Toppare L.
POLYMER INTERNATIONAL, cilt.52, sa.10, ss.1573-1578, 2003 (SCI İndekslerine Giren Dergi)
- CCCLXI. **Pyrolysis mass spectrometry analysis of thiophene capped poly(methyl methacrylate) and poly(methylthienyl methacrylate)**
HACALOĞLU J., Athar I., TOPPARE L. K. , Yağci Y.
Journal of Macromolecular Science - Pure and Applied Chemistry, sa.6, ss.605-615, 2003 (SCI İndekslerine Giren Dergi)
- CCCLXII. **Synthesis and characterization of conducting copolymers of (S)-2-methylbutyl-2-(3-thienyl)acetate with pyrrole and thiophene**
Levent A., Toppare L., Cianga I., Yagci Y.
MACROMOLECULAR CHEMISTRY AND PHYSICS, cilt.204, sa.8, ss.1118-1122, 2003 (SCI İndekslerine Giren Dergi)
- CCCLXIII. **The effect of long-term ambient aging on the mechanical properties of conducting polysiloxane-polypyrrole graft copolymers**
Biran C., Toppare L., Tincer T., Yagci Y., Harabagiu V.
CHEMICAL ENGINEERING COMMUNICATIONS, cilt.190, ss.823-830, 2003 (SCI İndekslerine Giren Dergi)
- CCCLXIV. **Synthesis and characterization of a new copolymer of PTSA doped polypyrrole**
Levent A., HACALOĞLU J., TOPPARE L. K. , Yagci Y.
Synthetic Metals, ss.457-458, 2003 (SCI İndekslerine Giren Dergi)
- CCCLXV. **Immobilization of invertase in conducting copolymers of 3-methylthienyl methacrylate**
Cirpan A., ALKAN S., TOPPARE L. K. , HEPUZER Y., YAGCI Y.
BIOELECTROCHEMISTRY, cilt.59, ss.29-33, 2003 (SCI İndekslerine Giren Dergi)
- CCCLXVI. **Immobilization of cholesterol oxidase in a conducting copolymer of thiophene-3-yl acetic acid cholesteryl ester with pyrrole**
Cirpan A., ALKAN S., TOPPARE L. K. , Cianga I., YAGCI Y.

- DESIGNED MONOMERS AND POLYMERS, cilt.6, sa.3, ss.237-243, 2003 (SCI İndekslerine Giren Dergi)
- CCCLXVII. **Pyrolysis mass spectrometric analysis of poly(pyrrole-g-(2-(N-pyrrolyl)ethylvinylether)**
Uyar T., Toppare L., HACALOĞLU J.
Journal of Analytical and Applied Pyrolysis, ss.15-24, 2003 (SCI İndekslerine Giren Dergi)
- :CCLXVIII. **Synthesis and characterization of conducting copolymers of menthyl ester of 3-thiophene acetic acid with pyrrole**
Kiralp S., Alkan S., Toppare L., Cianga I., Yagci Y.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, sa.3, ss.251-264, 2003 (SCI İndekslerine Giren Dergi)
- CCCLXIX. **Immobilization of invertase and glucose oxidase in conducting H-type polysiloxane/polypyrrole block copolymers**
Gursel A., Alkan S., Toppare L., Yagci Y.
REACTIVE & FUNCTIONAL POLYMERS, cilt.57, sa.1, ss.57-65, 2003 (SCI İndekslerine Giren Dergi)
- CCCLXX. **Preparation of a conducting flexible material from silane coupling agent and hydroxyl terminated polybutadiene rubber by hydrolysis and condensation**
Karatas Y., Toppare L., Tincer T.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, sa.10, ss.1081-1093, 2003 (SCI İndekslerine Giren Dergi)
- CCCLXXI. **Conducting graft copolymers of poly (3-methylthienyl methacrylate) with pyrrole and thiophene**
Cirpan A., ALKAN S., TOPPARE L. K. , HEPUZER Y., YAGCI Y.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.40, sa.23, ss.4131-4140, 2002 (SCI İndekslerine Giren Dergi)
- CCCLXXII. **Mechanical properties of conducting H-type polysiloxane-polypyrrole graft copolymers and polytetrahydrofuran-polypyrrole block copolymers**
Biran C., Toppare L., Tincer T., Yagci Y., Harabagiu V.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.86, sa.7, ss.1663-1666, 2002 (SCI İndekslerine Giren Dergi)
- :CCLXXIII. **Conduction mechanism in H-type polysiloxane-polypyrrole block copolymers**
BOZKURT A., Parlak M., Ercelebi C., Toppare L. K.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.85, sa.1, ss.52-56, 2002 (SCI İndekslerine Giren Dergi)
- :CCLXXIV. **Synthesis and characterization of conducting copolymers of thiophene-3-yl acetic acid cholesteryl ester with pyrrole**
Cirpan A., ALKAN S., TOPPARE L. K. , CIANGA I., YAGCI Y.
JOURNAL OF MATERIALS SCIENCE, cilt.37, sa.9, ss.1767-1775, 2002 (SCI İndekslerine Giren Dergi)
- CCCLXXV. **Synthesis of conducting polysiloxane-polypyrrole graft copolymers**
Gunaydin O., Toppare L., Yagci Y., Harabagiu V., Pintela M., Simionescu B.
POLYMER BULLETIN, cilt.47, sa.6, ss.501-508, 2002 (SCI İndekslerine Giren Dergi)
- :CCLXXVI. **Immobilization of yeast cells in several conducting polymer matrices**
Balci Z., Akbulut U., Toppare L., Alkan S., Bakir U., Yagci Y.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, cilt.39, sa.3, ss.183-197, 2002 (SCI İndekslerine Giren Dergi)
- CCLXXVII. **Characterization of polypyrrole/polytetrahydrofuran graft copolymers by direct pyrolysis mass spectrometry**
Özdilek C., Toppare L., Yagci Y., HACALOĞLU J.
Journal of Analytical and Applied Pyrolysis, cilt.64, sa.2, ss.363-378, 2002 (SCI İndekslerine Giren Dergi)
- :CLXXVIII. **Characterization of electrochemically synthesized p-toluene sulfonic acid doped polypyrrole by direct insertion probe pyrolysis mass spectrometry**
Uyar T., Toppare L., HACALOĞLU J.
Journal of Analytical and Applied Pyrolysis, cilt.64, sa.1, ss.1-13, 2002 (SCI İndekslerine Giren Dergi)
- :CCLXXIX. **Synthesis and electroactivity of pyrrole end-functionalized poly(2-methyl-2-oxazoline)**
Cirpan A., ALKAN S., TOPPARE L. K. , DAVID G., YAGCI Y.
EUROPEAN POLYMER JOURNAL, cilt.37, sa.11, ss.2225-2229, 2001 (SCI İndekslerine Giren Dergi)

- CCCLXXX. **Spectroscopic investigation of oxidation of p-toluene sulfonic acid doped polypyrrole**
Uyar T., Toppare L., HACALOĞLU J.
Synthetic Metals, cilt.123, sa.2, ss.335-342, 2001 (SCI İndekslerine Giren Dergi)
- CCCLXXXI. **Immobilization of urease in conducting thiophene-capped poly(methyl methacrylate)/pyrrole matrices**
Alkan S., Toppare L., Bakir U., Yagci Y.
SYNTHETIC METALS, cilt.123, sa.1, ss.95-99, 2001 (SCI İndekslerine Giren Dergi)
- CCLXXXII. **Synthesis and characterization of conducting block copolymers of thiophene-ended polystyrene with polypyrrole**
Alkan S., Toppare L., Hepuzer Y., Yagci Y.
SYNTHETIC METALS, cilt.119, ss.133-134, 2001 (SCI İndekslerine Giren Dergi)
- CLXXXIII. **Thermal and structural characterization of polypyrrole by direct-insertion probe pyrolysis mass spectrometry**
Uyar T., TOPPARE L. K., HACALOĞLU J.
Synthetic Metals, cilt.119, ss.307-308, 2001 (SCI İndekslerine Giren Dergi)
- CLXXXIV. **Fluoride substitution on polypyrrole during electrochemical synthesis in the presence of N(Bu)₄BF₄**
Uyar T., Toppare L., HACALOĞLU J.
Macromolecular Rapid Communications, cilt.22, sa.3, ss.199-201, 2001 (SCI İndekslerine Giren Dergi)
- CCLXXXV. **Effect of preparation parameters on the performance of conductive composite gas separation membranes**
Gulsen D., Hacarloglu P., Toppare L., Yilmaz L.
JOURNAL OF MEMBRANE SCIENCE, cilt.182, ss.29-39, 2001 (SCI İndekslerine Giren Dergi)
- CLXXXVI. **Pyrolysis of BF₄- doped polypyrrole by direct insertion probe pyrolysis mass spectrometry**
Uyar T., Toppare L., HACALOĞLU J.
Journal of Macromolecular Science - Pure and Applied Chemistry, sa.11, ss.1141-1150, 2001 (SCI İndekslerine Giren Dergi)
- CLXXXVII. **Investigations on the electrochemical surface treatment of carbon fibers**
Bayramli E., Toppare L., Erinc N.
TURKISH JOURNAL OF CHEMISTRY, cilt.25, sa.3, ss.251-258, 2001 (SCI İndekslerine Giren Dergi)
- LXXXVIII. **Synthesis of conducting graft copolymers of 2-(N-pyrrolyl)ethylvinyl ether with pyrrole**
Bengu B., Toppare L., Kalaycioglu E.
DESIGNED MONOMERS AND POLYMERS, cilt.4, sa.1, ss.53-65, 2001 (SCI İndekslerine Giren Dergi)
- CLXXXIX. **Immobilization of invertase in functionalized copolymer matrices**
Erginer R., Toppare L., Alkan S., Bakir U.
REACTIVE & FUNCTIONAL POLYMERS, cilt.45, sa.3, ss.227-233, 2000 (SCI İndekslerine Giren Dergi)
- CCCXC. **Synthesis of conducting block and graft copolymers with polyether segments**
Yagci Y., Toppare L.
MACROMOLECULAR SYMPOSIA, cilt.157, ss.29-38, 2000 (SCI İndekslerine Giren Dergi)
- CCCXCI. **Synthesis and characterization of graft copolymers of poly(2-(N-pyrrolyl)ethylvinylether) and polypyrrole**
Kalaycioglu E., Toppare L., Yagci Y.
SYNTHETIC METALS, cilt.108, sa.1, ss.1-7, 2000 (SCI İndekslerine Giren Dergi)
- CCCXCII. **Conducting multiphase block copolymers of polypyrrole with polytetrahydrofuran and polytetrahydrofuran-b-polystyrene**
Oztemiz S., Toppare L., Onen A., Yagci Y.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, cilt.37, sa.3, ss.277-291, 2000 (SCI İndekslerine Giren Dergi)
- CCCXCIII. **Theoretical investigation of block copolymerization of tetrahydrofuran and pyrrole**
Yurtsever M., Toppare L.
POLYMER, cilt.40, sa.19, ss.5459-5463, 1999 (SCI İndekslerine Giren Dergi)
- CCCXCIV. **A conducting composite of polypyrrole with ultrahigh molecular weight polyethylene foam**

- Aydinli B., Toppare L., Tincer T.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.72, sa.14, ss.1843-1850, 1999 (SCI İndekslerine Giren Dergi)
- CCCXCV. **Immobilization of invertase in conducting polypyrrole polytetrahydrofuran graft polymer matrices**
Kizilyar N., Akbulut U., Toppare L., Ozden M., Yagci Y.
SYNTHETIC METALS, cilt.104, sa.1, ss.45-50, 1999 (SCI İndekslerine Giren Dergi)
- CCCXCVI. **Synthesis of conducting PPy/pTHF copolymers**
Kizilyar N., Toppare L., Onen A., Yagci Y.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.71, sa.5, ss.713-720, 1999 (SCI İndekslerine Giren Dergi)
- CCCXCVII. **Impedance characteristics of conducting polypyrrole-poly(ethylvinylether) graft films**
Kalaycioglu E., Toppare L., Grchev T., Cvetkovska M., Yagci Y.
TURKISH JOURNAL OF CHEMISTRY, cilt.23, sa.1, ss.1-7, 1999 (SCI İndekslerine Giren Dergi)
- :CCXCVIII. **Immobilization of invertase in conducting thiophene-capped poly(methylmethacrylate)/polypyrrole matrices**
Alkan S., Toppare L., Yagci Y., Hepuzer Y.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, cilt.10, sa.12, ss.1223-1235, 1999 (SCI İndekslerine Giren Dergi)
- CCCXCIX. **Synthesis of conducting H-type polysiloxane-polypyrrole block copolymers**
Kalaycioglu E., Toppare L., Yagci Y., Harabagiu V., Pintela M., Ardelean R., Simionescu B.
SYNTHETIC METALS, cilt.97, sa.1, ss.7-12, 1998 (SCI İndekslerine Giren Dergi)
- CD. **Conducting copolymers of polypyrrole/polytetrahydrofuran**
Kizilyar N., Toppare L., Onen A., Yagci Y.
POLYMER BULLETIN, cilt.40, sa.6, ss.639-645, 1998 (SCI İndekslerine Giren Dergi)
- CDI. **Conducting polymer composites of polypyrrole and a poly(arylene ether ketone)**
Selampinar F., Akbulut U., Toppare L.
POLYMER-PLASTICS TECHNOLOGY AND ENGINEERING, cilt.37, sa.3, ss.295-302, 1998 (SCI İndekslerine Giren Dergi)
- CDII. **Electrochemically obtained insulating and conducting polymers and composites of acrylonitrile**
Yilmaz B., Akbulut U., Toppare L.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, sa.2, ss.261-291, 1998 (SCI İndekslerine Giren Dergi)
- CDIII. **Electrically conductive polymer grafts prepared by electrochemical polymerization of pyrrole onto poly[(methyl methacrylate)-co-(2-(N-pyrrolyl) ethyl methacrylate)] electrodes**
Balci N., Akbulut U., Toppare L., Stanke D., Hallensleben M.
TURKISH JOURNAL OF CHEMISTRY, cilt.22, sa.1, ss.73-80, 1998 (SCI İndekslerine Giren Dergi)
- CDIV. **Polypyrrole grafts synthesized via electrochemical polymerization**
Balci N., Toppare L., Akbulut U., Stanke D., Hallensleben M.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, sa.10, ss.1727-1739, 1998 (SCI İndekslerine Giren Dergi)
- CDV. **Synthesis of a hexafluoropropylidene-bis(phthalic anhydride)-based polyimide and its conducting polymer composites with polypyrrole**
Selampinar F., Akbulut U., Yilmaz T., Gungor A., Toppare L.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.35, sa.14, ss.3009-3016, 1997 (SCI İndekslerine Giren Dergi)
- CDVI. **Polypyrrole grafts with poly[(methyl methacrylate)-co-(2-(N-pyrrolyl) ethyl methacrylate)]**
Balci N., Akbulut U., Toppare L., Stanke D., Hallensleben M.
MATERIALS RESEARCH BULLETIN, cilt.32, sa.10, ss.1449-1458, 1997 (SCI İndekslerine Giren Dergi)
- CDVII. **Immobilization of invertase in conducting polymer matrices**
Selampinar F., Akbulut U., Ozden M., Toppare L.
BIOMATERIALS, cilt.18, sa.17, ss.1163-1168, 1997 (SCI İndekslerine Giren Dergi)
- CDVIII. **Synthesis of a novel poly(arylene ether ketone) and its conducting composites with polypyrrole**
Selampinar F., Akbulut U., Yildiz E., Gungor A., Toppare L.

- SYNTHETIC METALS, cilt.89, sa.2, ss.111-117, 1997 (SCI İndekslerine Giren Dergi)
- CDIX. **Conducting polymer composites: Polypyrrole and poly(vinyl chloride vinyl acetate) copolymer**
Balci N., Bayramli E., Toppare L.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.64, sa.4, ss.667-671, 1997 (SCI İndekslerine Giren Dergi)
- CDX. **Electronic properties of polypyrrole polyindene composite metal junctions**
Bozkurt A., Ercelebi C., Toppare L.
SYNTHETIC METALS, cilt.87, sa.3, ss.219-223, 1997 (SCI İndekslerine Giren Dergi)
- CDXI. **Thermal degradation of polythiophene-natural rubber and polythiophene-synthetic rubber conducting polymer composites**
HACALOĞLU J., Yiğit S., AKBULUT U., Toppare L.
Polymer, cilt.38, sa.20, ss.5119-5124, 1997 (SCI İndekslerine Giren Dergi)
- CDXII. **Conducting polymer composites of polypyrrole and polyimide**
Selampinar F., Akbulut U., Toppare L.
SYNTHETIC METALS, cilt.84, ss.185-186, 1997 (SCI İndekslerine Giren Dergi)
- CDXIII. **A pyrolysis mass spectrometry study of polythiophene - Natural rubber and polythiophene - Synthetic rubber conducting polymer composites**
Yigit S., HACALOĞLU J., AKBULUT U., Toppare L.
Synthetic Metals, cilt.84, ss.205-206, 1997 (SCI İndekslerine Giren Dergi)
- CDXIV. **Conducting polymer composites of polypyrrole and polyindene**
Bozkurt A., Akbulut U., Toppare L.
SYNTHETIC METALS, cilt.82, sa.1, ss.41-46, 1996 (SCI İndekslerine Giren Dergi)
- CDXV. **Conducting composites of polypyrrole with polytetramethylbisphenol A carbonate**
Kalaycioglu E., Akbulut U., Toppare L.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.61, sa.7, ss.1067-1075, 1996 (SCI İndekslerine Giren Dergi)
- CDXVI. **On the possibility of grafting conducting polymers into insulating ones**
Bahceci S., Toppare L., Yurtsever E.
SYNTHETIC METALS, cilt.81, sa.1, ss.5-8, 1996 (SCI İndekslerine Giren Dergi)
- CDXVII. **X-ray photoelectron spectroscopic investigation of conducting polymer blends**
Suzer S., Toppare L., Hallam K., Allen G.
FRESENIUS JOURNAL OF ANALYTICAL CHEMISTRY, cilt.355, ss.387-389, 1996 (SCI İndekslerine Giren Dergi)
- CDXVIII. **Conducting polymer composites of polythiophene with natural and synthetic rubbers**
Yigit S., HACALOĞLU J., AKBULUT U., Toppare L.
Synthetic Metals, cilt.79, sa.1, ss.11-16, 1996 (SCI İndekslerine Giren Dergi)
- CDXIX. **Structural studies of polythiophenes**
Kilic G., Toppare L., Yurtsever E.
SYNTHETIC METALS, cilt.78, sa.1, ss.19-25, 1996 (SCI İndekslerine Giren Dergi)
- CDXX. **Growth mechanisms of polypyrroles**
Sargin P., Toppare L., Yurtsever E.
POLYMER, cilt.37, sa.7, ss.1151-1155, 1996 (SCI İndekslerine Giren Dergi)
- CDXXI. **A conducting composite of polythiophene: Synthesis and characterization**
Vatansever F., Hacaloglu J., Akbulut U., Toppare L.
Polymer International, cilt.41, sa.3, ss.237-244, 1996 (SCI İndekslerine Giren Dergi)
- CDXXII. **A pyrolysis mass spectrometry study of polythiophene-polyamide composites**
Vatansever F., AKBULUT U., TOPPARE L. K., HACALOĞLU J.
Polymer, cilt.37, sa.7, ss.1103-1107, 1996 (SCI İndekslerine Giren Dergi)
- CDXXIII. **HYDROGEN-BONDING IN POLYANILINES**
BAHCECI S., TOPPARE L., YURTSEVER E.
SYNTHETIC METALS, cilt.68, sa.1, ss.57-60, 1994 (SCI İndekslerine Giren Dergi)
- CDXXIV. **A CONDUCTING COMPOSITE OF POLYPYRROLE .1. SYNTHESIS AND CHARACTERIZATION**
SELAMPINAR F., AKBULUT U., YALCIN T., SUZER S., TOPPARE L.
SYNTHETIC METALS, cilt.62, sa.3, ss.201-206, 1994 (SCI İndekslerine Giren Dergi)

- CDXXV. **KINETIC-STUDIES IN THE ELECTROINITIATED POLYMERIZATION OF N-VINYLCARBAZOLE AND RELATED CONDUCTING POLYMER COMPOSITES**
ELIBOL H., HACIOGLU B., AKBULUT U., TOPPARE L.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, sa.5, ss.593-611, 1994 (SCI İndekslerine Giren Dergi)
- CDXXVI. **CONDUCTING POLYMERS OF ANILINE .2. A COMPOSITE AS A GAS SENSOR**
DOGAN S., AKBULUT U., YALCIN T., SUZER S., TOPPARE L.
SYNTHETIC METALS, cilt.60, sa.1, ss.27-30, 1993 (SCI İndekslerine Giren Dergi)
- CDXXVII. **DERIVATIVES OF POLY(PYRROLE) WITH DECONJUGATED CARBONYL SUBSTITUENTS IN BETA-POSITION**
VOIGT M., GEISSLER U., HAASE V., VOIGT B., HALLENSLEBEN M., TOPPARE L.
SYNTHETIC METALS, cilt.55, ss.1441-1446, 1993 (SCI İndekslerine Giren Dergi)
- CDXXVIII. **THE INFLUENCE OF WATER ON THE ELECTROCHEMICAL POLYMERIZATION OF 3-ACYLPYRROLES**
VOIGT M., ROHDE N., HALLENSLEBEN M., TOPPARE L.
SYNTHETIC METALS, cilt.55, ss.1489-1494, 1993 (SCI İndekslerine Giren Dergi)
- CDXXIX. **ELECTROCHROMIC FILMS OF VINYL CARBAZOLE DERIVATIVES**
GEISSLER U., HALLENSLEBEN M., TOPPARE L.
SYNTHETIC METALS, cilt.55, ss.1662-1667, 1993 (SCI İndekslerine Giren Dergi)
- CDXXX. **ELECTROCHEMICAL STUDIES ON CARBAZOLE/PYRROLE-COPOLYMERS**
GEISSLER U., HALLENSLEBEN M., TOPPARE L.
SYNTHETIC METALS, cilt.55, ss.1483-1488, 1993 (SCI İndekslerine Giren Dergi)
- CDXXXI. **POLY(3-PHENYL AZOPYRROLE)S - A NEW CLASS OF CONDUCTING POLYMERS IN THE POLY(PYRROLE) SERIES**
VOIGT M., HALLENSLEBEN M., TOPPARE L.
SYNTHETIC METALS, cilt.55, ss.1067-1072, 1993 (SCI İndekslerine Giren Dergi)
- CDXXXII. **ELECTRICALLY CONDUCTIVE POLY(METHYL METHACRYLATE-G-PYRROLE) VIA CHEMICAL OXIDATIVE POLYMERIZATION**
STANKE D., HALLENSLEBEN M., TOPPARE L.
SYNTHETIC METALS, cilt.55, ss.1108-1113, 1993 (SCI İndekslerine Giren Dergi)
- CDXXXIII. **STRUCTURAL STUDIES OF POLYPYRROLES - OLIGOMERIZATION MECHANISM OF N-METHACRYLOYL PYRROLE**
YURTSEVER E., TOPPARE L., HALLENSLEBEN M.
THEOCHEM-JOURNAL OF MOLECULAR STRUCTURE, cilt.99, sa.1, ss.1-4, 1993 (SCI İndekslerine Giren Dergi)
- CDXXXIV. **POLYMERIZATION OF BIS(PYRIDINE)BIS-(2,4,6-TRIBROMOPHENOXY)COPPER(II) COMPLEX (PY₂Cu(TBRP)₂) BY ELECTROOXIDATION AND STRUCTURAL CHARACTERIZATION BY H-1-NMR, C-13-NMR, AND FTIR SPECTROSCOPIES**
SEN S., KISAKUREK D., TOPPARE L.
JOURNAL OF MACROMOLECULAR SCIENCE-PURE AND APPLIED CHEMISTRY, ss.481-492, 1993 (SCI İndekslerine Giren Dergi)
- CDXXXV. **CONDUCTING POLYMERS OF ANILINE .1. ELECTROCHEMICAL SYNTHESIS OF A CONDUCTING COMPOSITE**
DOGAN S., AKBULUT U., TOPPARE L.
SYNTHETIC METALS, cilt.53, sa.1, ss.29-35, 1992 (SCI İndekslerine Giren Dergi)
- CDXXXVI. **CONDUCTIVE POLYMER COMPOSITES AND COPOLYMERS OF PYRROLE AND N-VINYLCARBAZOLE**
GEISSLER U., HALLENSLEBEN M., TOPPARE L.
SYNTHETIC METALS, cilt.40, sa.2, ss.239-246, 1991 (SCI İndekslerine Giren Dergi)
- CDXXXVII. **CHARACTERIZATION OF ELECTROINITIATED AND RADIATION POLYMERIZED POLY(BUTADIENE SULFONE)**
HACIOGLU B., SUZER S., AKBULUT U., TOPPARE L., AYBAR P., UTLEY J.
JOURNAL OF MACROMOLECULAR SCIENCE-CHEMISTRY, ss.329-345, 1991 (SCI İndekslerine Giren Dergi)
- DXXXVIII. **POLYMERIZATION OF BIS(2-BROMO-4,6-DICHLOROPHENOXY)BIS(PYRIDINE) COPPER (II) COMPLEX**

IN DMF BY ELECTROINITIATION

KISAKUREK D., SEN S., ARAS L., TURKER L., TOPPARE L.

POLYMER, cilt.32, sa.7, ss.1323-1328, 1991 (SCI İndekslerine Giren Dergi)

CDXXXIX. ELECTROINITIATED COPOLYMERIZATION OF INDENE WITH BETA-METHOXYSTYRENE

AKBULUT U., KHURSHID A., HACIOGLU B., TOPPARE L.

POLYMER, cilt.31, sa.7, ss.1343-1346, 1990 (SCI İndekslerine Giren Dergi)

CDXL. ELECTROINITIATED POLYMERIZATION OF BIS(TRIBROMOPHENOXY)-N,N,N',N'-TETRAMETHYLETHYLENEDIAMINE COPPER(II) COMPLEX

AKBULUT U., SACAK M., KISAKUREK D., TOPPARE L.

BRITISH POLYMER JOURNAL, cilt.22, sa.1, ss.65-71, 1990 (SCI İndekslerine Giren Dergi)

CDXLI. ELECTROINITIATED POLYMERIZATION OF ACROLEIN BY DIRECT AND INDIRECT ELECTRON-TRANSFER VIA CONTROLLED POTENTIAL ELECTROLYSIS

TOPPARE L., HACIOGLU B., AKBULUT U.

JOURNAL OF MACROMOLECULAR SCIENCE-CHEMISTRY, sa.3, ss.317-330, 1990 (SCI İndekslerine Giren Dergi)

CDXLII. ELECTRO-INITIATED POLYMERIZATION OF BIS-(2,4,6-TRIBROMOPHENOXY) ETHYLENEDIAMINE COPPER(II) COMPLEX IN DMF AND ITS KINETIC-STUDY BY CYCLIC VOLTAMMETRY

TOPPARE L., TUKER L., YIGIT S., KISAKUREK D., AKBULUT U.

EUROPEAN POLYMER JOURNAL, cilt.26, sa.3, ss.255-259, 1990 (SCI İndekslerine Giren Dergi)

CDXLIII. ELECTROINITIATED POLYMERIZATION OF ACRYLAMIDE BY DIRECT ELECTRON-TRANSFER HACIOGLU B., AKBULUT U., TOPPARE L.

JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.27, sa.11, ss.3875-3880, 1989 (SCI İndekslerine Giren Dergi)

CDXLIV. ELECTROINITIATED POLYMERIZATION OF BIS(4-BROMO-2,6-DICHLOROPHENOXY)N,N,N',N'-TETRAMETHYLETHYLENEDIAMINE COPPER(II) COMPLEX

SACAK M., AKBULUT U., KISAKUREK D., TOPPARE L.

POLYMER, cilt.30, sa.5, ss.928-932, 1989 (SCI İndekslerine Giren Dergi)

CDXLV. ELECTROINITIATED POLYMERIZATION OF BIS(TRICHLOROPHENOXY)-TETRAMETHYLETHYLENE DIAMINE COPPER(II)

SACAK M., AKBULUT U., KISAKUREK D., TURKER L., TOPPARE L.

JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.27, sa.5, ss.1599-1608, 1989 (SCI İndekslerine Giren Dergi)

CDXLVI. CORRELATION OF ANODIC PEAK POTENTIALS WITH THE SEMI-EMPIRICAL ORBITAL AND HOMO ENERGIES OF VARIOUS VINYL COMPOUNDS

YILMAZ H., YURTSEVER E., TOPPARE L.

JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.261, sa.1, ss.105-112, 1989 (SCI İndekslerine Giren Dergi)

CDXLVII. POLYMERIZATION OF BIS(TRICHLOROPHENOXY) ETHYLENEDIAMINE COPPER (II) COMPLEX BY ELECTRO-OXIDATION

YIGIT S., KISAKUREK D., TURKER L., TOPPARE L., AKBULUT U.

POLYMER, cilt.30, sa.2, ss.348-352, 1989 (SCI İndekslerine Giren Dergi)

CDXLVIII. ELECTROINITIATED POLYMERIZATION OF THE BIS(2,6-DIBROMO-4-CHLOROPHENOXY)-N,N,N',N'-TETRAMETHYLETHYLENEDIAMINE COPPER (II) COMPLEX

AKBULUT U., SACAK M., KISAKUREK D., TOPPARE L.

JOURNAL OF MACROMOLECULAR SCIENCE-CHEMISTRY, sa.12, ss.1623-1635, 1989 (SCI İndekslerine Giren Dergi)

CDXLIX. ELECTROINITIATED POLYMERIZATION OF HALOPHENOLS - ELECTROINITIATION POTENTIAL LUMO RELATIONS

TURKER L., KISAKUREK D., SEN S., TOPPARE L., AKBULUT U.

JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS, cilt.26, sa.12, ss.2485-2498, 1988 (SCI İndekslerine Giren Dergi)

CDL. ELECTROINITIATED POLYMERIZATION OF ACRYLONITRILE

YURTTAS B., TOPPARE L., AKBULUT U.

JOURNAL OF MACROMOLECULAR SCIENCE-CHEMISTRY, sa.2, ss.219-230, 1988 (SCI İndekslerine Giren Dergi)

- CDLI. **CORRELATION OF THE ANODIC PEAK POTENTIALS WITH THE QUANTUM-MECHANICAL PROPERTIES OF VARIOUS VINYL COMPOUNDS**
YILMAZ H., TOPPARE L., YURTSEVER E.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, cilt.237, sa.2, ss.187-190, 1987 (SCI İndekslerine Giren Dergi)
- CDLII. **ELECTROINITIATED COPOLYMERIZATION OF ISOPRENE WITH INDENE**
KHURSHID A., TOPPARE L., AKBULUT U.
POLYMER COMMUNICATIONS, cilt.28, sa.9, ss.269-271, 1987 (SCI İndekslerine Giren Dergi)
- CDLIII. **ELECTROINITIATED CATIONIC COPOLYMERIZATION OF 4-BROMOSTYRENE AND ALPHA-METHYLSTYRENE IN THE PRESENCE OF ULTRASONIC VIBRATION**
EREN S., TOPPARE L., AKBULUT U.
POLYMER COMMUNICATIONS, cilt.28, sa.1, ss.36-38, 1987 (SCI İndekslerine Giren Dergi)

Kitap & Kitap Bölümleri

I. Biosensing Devices

Toppare L. K. , Söylemez S., Kesik M.

Encyclopedia of Polymer Applications, Munmaya Mishra, Editör, Taylor , New-York, ss.360-386, 2018

II. Biosensing Devices: Conjugated PolymerBased Scaffolds

SÖYLEMEZ S., KESİK M., TOPPARE L. K.

Encyclopedia of Polymer Applications, , Editör, Taylor and Francis, ss.360-386, 2018

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Non-fullerene organic solar cells based on thienopyrroledione comprising random copolymers; effect of alkyl chains**
Yaşa M., Depçi T., Alemdar E., Özdemir Hacıoğlu Ş., Çırpan A., Toppare L. K.
2 International Conference on Photovoltaic Science and Technologies, Ankara, Türkiye, 30 Kasım - 02 Aralık 2020, ss.79-80
- II. **Enzyme electrodes fabricated by dad type poly (2,5-di(furan-2-yl)thiazolo[5,4-d]thiazole) conducting polymer**
Kurzama N., Söylemez S., Büyükbayram A. E. , Toppare L. K.
3rd International Eurasian Conference on Biological and Chemical Sciences (EurasianBioChem 2020), Ankara, Türkiye, 19 - 20 Mart 2020, ss.134
- III. **SYNTHESES OF 2,1,3-BENZOTHIADIAZOLE COMPRISING POLYMERS:THE EFFECT OF DISCRETE FUNCTIONAL GROUPS ON DEVICE PERFORMANCE AND OPTOELECTRONIC PROPERTIES**
ZEYTUN KARAMAN C., GÖKER S., TOPPARE L. K.
İstanbul International Organic Electronic Symposium, 2 - 04 Aralık 2019
- IV. **Synthesis and Characterization of a Quinoxaline and Benzodithiophene ComprisingMultifunctional Polymer**
ÖZDEMİR HACIOĞLU Ş., Yaşa M., Depçi T., GÖKER S., TOPPARE L. K.
International Conference on Condensed Matter and Materials Sciences, 14 Ekim 2020 - 19 Ekim 2019
- V. **Benzimidazole Derivatives and Their Electrochemical Applications**
Demirci Uzun S., ÖZDEMİR HACIOĞLU Ş., TOPPARE L. K.
The International Aluminium-Themed Engineering and Natural Sciences Conference, 4 - 06 Ekim 2019
- VI. **Glucose Oxidase Immobilization on Thiazolothiazole Containing Multichromic Polymer Matrice for Glucose Detection**
SÖYLEMEZ S., Kaya H., UDUM Y., TOPPARE L. K.
Euroanalysis 2019, 1 - 05 Eylül 2019
- VII. **AMPEROMETRIC ETHANOL BIOSENSOR CONSTRUCTED BY CARBON NANOTUBES AND A FLUORENE**

BASED POLYMER

Bekmezci S. A. , SÖYLEMEZ S., UDUM Y., TOPPARE L. K.

4th international Congress on Biosensors, 8 - 11 Temmuz 2019

- VIII. **ELECTROCHEMICAL AND BIOSENSING APPLICATION OF ANTHRACENE-BASED CONJUGATED POLYMER**
SÖYLEMEZ S., GÖKER S., TOPPARE L. K.
4th International Congress on Biosensors, 8 - 11 Temmuz 2019
- IX. **İletken Polimer ve Nanoparçacık Modifiyeli Esnek Elektrot Tasarımı ve Glikoz Biyosensör Uygulaması**
Toppare L. K. , Gökoğlan T. C. , Kesik M., Söylemez S.
30. Ulusal Kimya Kongresi , Gazimagusa, Kıbrıs (Kkct), 5 - 08 Kasım 2018, ss.1-2
- X. **Yarı Şeffaf Organik Güneş Gözelleri**
Toppare L. K. , Hizalan G., Alpugan E., Ünal H. E. , Çırpan A.
VII . Ulusal Polimer Bilim ve Teknolojisi Kongresi, Ankara, Türkiye, 9 - 12 Eylül 2018, ss.1-2
- XI. **Thienopyrrole And Selenopyrrole Fused Benzothiazole Containing Polymers For Solar Cell Applications**
Çırpan A., Öztürk S., Erer M. C. , Cevher Ş. C. , Udum Y., Toppare L. K.
Uluslararası Katılımlı 7. Polimer Bilim Ve Teknoloji Kongresi , Eskişehir, Türkiye, 09 Eylül 2018 - 12 Eylül 2019, ss.205
- XII. **Direct arylation polymerization of benzodithiophene with several electron acceptors for organic photovoltaic devices**
Toppare L. K. , Göker S., Leclerc M., Bura T.
VII . Ulusal Polimer Bilim ve Teknolojisi Kongresi , Eskişehir, Türkiye, 9 - 12 Eylül 2018, ss.1-2
- XIII. **Synthesis of Phenanthroimidazole-Attached-Benzotriazole Based Conjugated Polymers and Their Optoelectronic Applications**
Çırpan A., Cevher Ş. C. , Keleş D., Hizalan G., Toppare L. K.
Uluslararası Katılımlı 7. Polimer Bilim Ve Teknoloji Kongresi, Eskişehir, Türkiye, 9 - 12 Eylül 2018, ss.207
- XIV. **Electrochromic Studies of Fluorine Substituted Benzothiadiazole Containing Conducting Polymers**
Çırpan A., Erer M. C. , Keleş D., Hizalan G., Toppare L. K.
Uluslararası Katılımlı 7. Polimer Bilim Ve Teknoloji Kongresi, Eskişehir, Türkiye, 9 - 12 Eylül 2018, ss.210
- XV. **The impact of [1,2,5]Chalcogenazolo[3,4-f]-Benzo[1,2,3]Triazole structure on the optoelectronic properties of a conjugated polymer**
Toppare L. K. , Aydan E., Göker S.
VII . Ulusal Polimer Bilim ve Teknolojisi Kongresi , Eskişehir, Türkiye, 9 - 12 Eylül 2018, ss.1-2
- XVI. **Fabrication of a promising immobilization platform based on electrochemical synthesis of a conjugated polymer**
Toppare L. K. , Büber E., Söylemez S., Udum Y.
VII. Ulusal Polimer Bilim ve Teknolojisi Kongresi , Eskişehir, Türkiye, 9 - 12 Eylül 2018, ss.1-2
- XVII. **Optical And Electrochemical Properties Of Benzotriazole And Benzodithiophene Containing Alternating Copolymers**
Çırpan A., Yıldırım M., Cevher Ş. C. , Toppare L. K.
Uluslararası Katılımlı 7. Polimer Bilim Ve Teknoloji Kongresi , Eskişehir, Türkiye, 9 - 12 Eylül 2018, ss.58
- XVIII. **Benzodithiophene Bearing Polymers- Synthesis And Electrochemical Studies**
Çırpan A., Alemdar E., Güven D., Cevher Ş. C. , Hizalan G., Özdemir Ş., Toppare L. K.
Uluslararası Katılımlı 7. Polimer Bilim Ve Teknoloji Kongresi, Eskişehir, Türkiye, 9 - 12 Eylül 2018, ss.206
- XIX. **Polymers with benzodithiophene and a series of electron acceptors: Comparison of direct arylation polymerization and Stille cross-coupling for device performance**
Toppare L. K. , Göker S., Bura T., Leclerc M.
256th ACS National Meeting, Massachusetts, Amerika Birleşik Devletleri, 19 - 23 Ağustos 2018, ss.1-2
- XX. **Polymers with benzodithiophene and a series of electron acceptors: Comparison of direct arylation polymerization and Stille cross-coupling for device performance**
Goker S., Bura T., Hizalan G., Toppare L., Leclerc M.

256th National Meeting and Exposition of the American-Chemical-Society (ACS) - Nanoscience, Nanotechnology and Beyond, Massachusetts, Amerika Birleşik Devletleri, 19 - 23 Ağustos 2018, cilt.256

- XXI. **Bistriphenylamine- and Benzodithiophene- Based Random Conjugated Polymers in Ternary Blend Bulk Heterojunction Organic Solar Cells**
Toppare L. K. , Alemdar E., Cevher Ş. C. , Hızalan G., Hacıoğlu Ş., Çırpan A.
International Conference on Photovoltaic Science and Technologies, Ankara, Türkiye, 4 - 06 Temmuz 2018, ss.1-2
- XXII. **Synthesis and characterization of benzotriazole containing conjugated polymers for bulk heterojunction organic photovoltaics**
Çırpan A., Göksu K., Cevher Ş. C. , Azeri Ö., Ünal Ö., Hızalan G., Toppare L. K.
International Conference on Photovoltaic Science and Technologies (PVCon2018), Ankara, Türkiye, 4 - 06 Temmuz 2018, ss.1
- XXIII. **BENZODITHIOPHENE AND SELENOPHENE BEARING POLYMER FOR INVERTED ORGANIC SOLAR CELL APPLICATIONS**
Toppare L. K. , Hızalan G., Yaşa M., Göker S., Udum Y., Günbaş E. G. , Çırpan A.
International Conference on Photovoltaic Science and Technologies, Ankara, Türkiye, 4 - 06 Temmuz 2018, ss.1-2
- XXIV. **Inverted Organic Solar Cell Applications of Benzodithiophene and Benzotriazole Bearing Alternating Copolymer**
Toppare L. K. , Bolayır E., Cevher Ş. C. , Hacıoğlu Ş., Hızalan G., Çırpan A.
International Conference on Photovoltaic Science and Technologies, Ankara, Türkiye, 4 - 06 Temmuz 2018, ss.1-2
- XXV. **Thienopyrrole And Selenopyrrole Containing Conjugated Polymers For Organic Photovoltaics**
Çırpan A., Şen D., Öztürk S., Erer M. C. , Udum Y., Toppare L. K.
International Conference on Photovoltaic Science and Technologies (PVCon2018), Ankara, Türkiye, 4 - 06 Temmuz 2018, ss.1
- XXVI. **Poly(triphenylamine-thiazolo[5,4-D]Thiazole) copolymers dye for bulk heterojunction organic solar cells**
Çırpan A., Olgun U., Gülfen M., Uğurlu Ç., Hızalan G., Toppare L. K.
International Conference on Photovoltaic Science and Technologies (PVCon2018), Ankara, Türkiye, 4 - 06 Temmuz 2018, ss.34
- XXVII. **Photovoltaic Properties Of Thienopyrrole And Selenopyrrole Fused Benzothiadiazole Containing Polymers**
Çırpan A., Öztürk S., Cevher Ş. C. , Bolayır E., Ünal Ö., Toppare L. K.
International Conference on Photovoltaic Science and Technologies (PVCon2018), Ankara, Türkiye, 4 - 06 Temmuz 2018, ss.1
- XXVIII. **ORGANIC BULK HETEROJUNCTION SOLAR CELLS BASED ON BENZODITHIOPHENE AND BENZOTHIADIAZOLE CONTAINING CONJUGATED POLYMERS**
Toppare L. K. , Cevher Ş. C. , Bolayır E., Ünal Ö., Çırpan A., Taşkaya Aslan S.
International Conference on Photovoltaic Science and Technologies, Ankara, Türkiye, 4 - 06 Temmuz 2018, ss.1-2
- XXIX. **Effect Of Selenophene And Thiphenene Units On Photovoltaic Performance Of Fluorine Substituted Benzothiadiazole Bearing Conjugated Polymers**
Çırpan A., Erer M. C. , Keleş D., Hızalan G., Toppare L. K.
International Conference on Photovoltaic Science and Technologies (PVCon2018), Ankara, Türkiye, 4 - 06 Temmuz 2018, ss.1
- XXX. **Direct arylation polymerization of benzodithiophene with a series of electron acceptors for organic photovoltaic devices**
Toppare L. K. , Göker S., Leclerc M., Bura T.
2018 MRS Spring Meeting & Exhibit, Arizona, Amerika Birleşik Devletleri, 2 - 06 Nisan 2018, ss.1-2
- XXXI. **Silver Nanowire Networks as Transparent Electrodes for Organic Photovoltaics and Light Emitting Diodes**
alpugan e., hızalan g., GÜNBAŞ E. G. , ÇIRPAN A., TOPPARE L. K. , ÜNALAN H. E.
MRS Fall Meeting 2017, 26 Kasım 2017
- XXXII. **silver nanowire networks as transparent electrodes for organic photovoltaics and light emitting**

diodes

Alpugan E., HIZALAN ÖZSOY G., GÜNBAŞ E. G. , ÇIRPAN A., TOPPARE L. K. , ÜNALAN H. E.
MRS 2017, 26 Kasım - 01 Aralık 2017

XXXIII. **A novel 5,6-bis(octyloxy)-2,1,3 benzooxadiazole based donor-acceptor random copolymer for efficient organic photovoltaic devices**

GÖKER S., HIZALAN ÖZSOY G., UDUM Y., TOPPARE L. K.
E-MRS 2017, 18 - 21 Eylül 2017

XXXIV. **Benzotiyazol Tabanlı Konjuge Polimerin Sentezi ve Organik Güneş Hücresi Uygulamaları**

Keleş D., Bolayır E., TOPPARE L. K. , ÇIRPAN A.
29. Ulusal Kimya Kongresi, Türkiye, 10 - 14 Eylül 2017

XXXV. **Trifenilamin, Benzoditiofen ve Benzotriazole Türevleri İçeren Serbest Konjüge Polimerlerin Elektriksel ve Optik Özellikleri**

çetin a., CEVHER Ş. C. , İSTANBULLUOĞLU Ç., ÖZDEMİR HACIOĞLU Ş., TOPPARE L. K. , ÇIRPAN A.
29. Ulusal Kimya Kongresi, Türkiye, 10 - 14 Eylül 2017

XXXVI. **SYNTHESSES OF BENZODITHIOPHENE AND THIENOPYRROLEDIONE CONTAINING RANDOM POLYMERS FOR ORGANIC SOLAR CELLS**

Azeri Ö., Aktaş E., İSTANBULLUOĞLU Ç., ÖZDEMİR HACIOĞLU Ş., TOPPARE L. K. , ÇIRPAN A.
APME 2017, 21 - 25 Mayıs 2017

XXXVII. **RANDOM COPOLYMERS COMPRISING DERIVATIVES OF TRIPHENYLAMINE, BENZODITHIOPHENE AND BENZOTRIAZOLE MOIETIES FOR PHOTOVOLTAIC APPLICATIONS**

Çetin A., CEVHER Ş. C. , İSTANBULLUOĞLU Ç., ÖZDEMİR HACIOĞLU Ş., TOPPARE L. K. , ÇIRPAN A.
APME 2017, 21 - 25 Mayıs 2017

XXXVIII. **Organic Bulk Heterojunction Solar Cells Based On Thienothiophene And Benzothiadiazole Containing Conjugated Polymers**

Taşkaya Aslan S., Keleş D., Hızalan Özsoy G., Toppare L. K. , Çırpan A.
Advanced Polymers via Macromolecular Engineering (APME 2017), Ghent, Belçika, 21 - 25 Mayıs 2017, ss.207

XXXIX. **AN AMPEROMETRIC GLUCOSE BIOSENSOR PLATFORM CONTAINING CARBON NANOTUBES-ZINC PHTHALOCYANINE AND A CONDUCTING POLYMER**

Büber E., Yüzer A., SÖYLEMEZ S., KESİK M., İnce M., TOPPARE L. K.
APME 2017, 21 - 25 Mayıs 2017

XL. **ORGANIC BULK HETEROJUNCTION SOLAR CELLS BASED ON THIENOTHIOPHENE AND BENZOTHIADIAZOLE CONTAINING CONJUGATED POLYMERS**

Taşkaya S., Keleş D., HIZALAN ÖZSOY G., TOPPARE L. K. , ÇIRPAN A.
APME 2017, 21 - 25 Mayıs 2017

XLI. **NEW QUINOXALINE CONTAINING DONOR-ACCEPTOR TYPE CONJUGATED POLYMERS FOR ORGANIC SOLAR CELLS**

Karagaçtı Ö., CEVHER Ş. C. , HIZALAN ÖZSOY G., ÖZDEMİR HACIOĞLU Ş., TOPPARE L. K. , ÇIRPAN A.
APME 2017, 21 - 25 Mayıs 2017

XLII. **2,1,3-Benzooxadiazole, thiophene and benzodithiophene based random copolymers for organic photovoltaics: Thiophene versus thieno[3,2-b]thiophene as π -conjugated linkers**

GÖKER S., HIZALAN ÖZSOY G., Aktaş E., Kutkan S., ÇIRPAN A., TOPPARE L. K.
ACS 253, 2 - 06 Nisan 2017

XLIII. **Synthesis, Electrochemical and Spectroelectrochemical Characterization of Quinoxaline-Based Conjugated Polymers for Organic Photovoltaics**

Yaşa M., GÖKER S., UDUM Y., GÜNBAŞ E. G. , TOPPARE L. K.
253rd American Chemical Society National Meeting Exposition, 2 - 06 Nisan 2017

XLIV. **Syntheses, electrochemical and spectroelectrochemical characterizations of quinoxaline-based conjugated polymers for organic photovoltaics**

Yasa M., Goker S., Udum Y. A. , Gunbas G., Toppare L.
253rd National Meeting of the American-Chemical-Society (ACS) on Advanced Materials, Technologies, Systems, and Processes, San-Francisco, Kostarika, 2 - 06 Nisan 2017, cilt.253

- XLV. Alkyl end group Modification of Benzotriazole and Thiophene Containing Conjugated Polymers**
CEVHER Ş. C. , Keleş D., ÖZDEMİR HACIOĞLU Ş., TOPPARE L. K. , ÇIRPAN A.
46th IUPAC World Polymer Congress (MACRO 2016), 17-21 July 2016, İstanbul, Turkey, 17 - 21 Temmuz 2016
- XLVI. Solution Processed Orange Light Emitting Diodes Using Polyfluorene Derivatives**
HIZALAN ÖZSOY G., erlik o., ÇIRPAN A., TOPPARE L. K.
Macro-2016 World Polymer Congress Istanbul, 17 - 21 Temmuz 2016
- XLVII. Solution Processed Orange Light Emitting Diodes Using Polyfluorene Derivative**
HIZALAN ÖZSOY G., Erlik O., ÇIRPAN A., TOPPARE L. K.
46th IUPAC World Polymer Congress (MACRO 2016), 17-21 July 2016, İstanbul, Turkey., 17 - 21 Temmuz 2016
- XLVIII. The effect of the triphenylamine unit on electrochemical behaviors of benzotriazole bearing conjugated polymers**
ÖZDEMİR HACIOĞLU Ş., toksabay s., şendur m., TOPPARE L. K.
Macro 2016 World Polymer Congress Istanbul Turkey, 17 - 21 Temmuz 2016
- XLIX. CONJUGATED POLYMERS AND THEIR APPLICATIONS**
TOPPARE L. K.
Macro 2016 World Polymer Congress Istanbul Turkey, 17 - 21 Temmuz 2016
- L. An effective surface design based on a conjugated polymer and silver nanowires for the detection of paraoxon in tap water and milk**
turan J., KESİK M., SÖYLEMEZ S., GÖKER S., coşgun ş., ÜNALAN H. E. , TOPPARE L. K.
46th IUPAC World Polymer Congress (MACRO 2016), 17 - 21 Temmuz 2016
- LI. A conducting polymer and a calixarene derivative A novel surface design for glucose detection**
gökoğlan c., SÖYLEMEZ S., KESİK M., ünay h., sayın s., ÇIRPAN A., YILDIZ H. B. , TOPPARE L. K.
46th IUPAC World Polymer Congress (MACRO 2016), 17 - 21 Temmuz 2016
- LII. Synthesis and Characterization of Fluorene Based Random Copolymer with Benzothiadiazole and Benzoselenadiazole**
kutkan s., GÖKER S., ÖZDEMİR HACIOĞLU Ş., TOPPARE L. K.
46th IUPAC World Polymer Congress (MACRO 2016), 17 - 21 Temmuz 2016
- LIII. Multi Functional Fluorescent Scaffold as a Multicolor Probe Design and Application in Targeted Cell Imaging**
KESİK M., demir b., barlas f. b. , GEYİK C., CEVHER Ş. C. , ODACI DEMİRKOL D., TİMUR S., ÇIRPAN A., TOPPARE L. K.
46th IUPAC World Polymer Congress (MACRO 2016), 17 - 21 Temmuz 2016
- LIV. Triazoloquinoxaline Bearing Copolymer for Electrochromic and Organic Photovoltaic Applications**
ÖZDEMİR HACIOĞLU Ş., aktaş e., HIZALAN ÖZSOY G., ünlü n., ÇIRPAN A., TOPPARE L. K.
EU PVSEC (photovoltaic solar energy conference) 2016 (Munich GERMANY), 20 - 24 Haziran 2016
- LV. Analysis of Reverse Bias Transport Mechanisms in Conjugated Copolymer Based Diodes**
YILDIZ D. E. , apaydın d., TOPPARE L. K. , ÇIRPAN A.
nd International Conference on Organic Electronic Material Technologies (OEMT2016), 17 - 19 Mayıs 2016
- LVI. To investigate the electrical properties of new silafluorene based conjugated polymers**
YILDIZ D. E. , erlik o., HIZALAN ÖZSOY G., TOPPARE L. K. , ÇIRPAN A.
nd International Conference on Organic Electronic Material Technologies (OEMT2016), 17 - 19 Mayıs 2016
- LVII. Optoelectronic Application of Phenanthrenyl Imidazole Derivatives**
Sohrabnia N., CEVHER Ş. C. , HIZALAN ÖZSOY G., TOPPARE L. K. , ÇIRPAN A.
E-MRS Spring Meeting and Exhibit, Lille, France, 2 - 06 Mayıs 2016
- LVIII. CARBAZOLE BASED ALTERNATING COPOLYMER FOR ELECTROCHROMIC AND ORGANIC PHOTOVOLTAIC APPLICATIONS**
önk i., İSTANBULLUOĞLU Ç., HIZALAN ÖZSOY G., ÖZDEMİR HACIOĞLU Ş., CEVHER Ş. C. , ÇIRPAN A., TOPPARE L. K.
EMRS, may 2016 Lille, France, 2 - 06 Mayıs 2016
- LIX. Modifications of Quinoxaline on the Polymeric Materials for Optoelectronic Devices**
CEVHER Ş. C. , temiz c., HIZALAN ÖZSOY G., UDUM Y., TOPPARE L. K. , ÇIRPAN A.
EMRS, may 2016 Lille, France, 2 - 06 Mayıs 2016
- LX. Incorporation of Different Conjugated Linkers into Low Band Gap Polymers Based on 5 6 bis**

octyloxy 2 1 3 benzooxadiazole for Tuning Efficiency of Organic Photovoltaics

GÖKER S., HIZALAN ÖZSOY G., UDUM Y., TOPPARE L. K.

251st American Chemical Society National Meeting & Exposition Theme: Computers in Chemistry Division of Polymer Chemistry, 13 - 17 Mart 2016

- LXI. **Synthesis and Characterization of Conducting Polymers Containing Polypeptide and Ferrocene Side Chains as Ethanol Biosensors**
KESİK M., akbulut h., SÖYLEMEZ S., CEVHER Ş. C. , HIZALAN ÖZSOY G., UDUM Y., endo T., Yamada S., ÇIRPAN A., YAĞCI Y., et al.
251st American Chemical Society National Meeting & Exposition Theme: Computers in Chemistry Division of Polymer Chemistry, 13 - 17 Mart 2016
- LXII. **Analysis of Thickness Dependent Forward Bias Conduction Mechanisms in Organic Diodes**
YILDIZ D. E. , TOPPARE L. K. , ÇIRPAN A.
International Physics Conference at the Anatolian Peak, IPCAP, 25 - 27 Şubat 2016
- LXIII. **Analysis of thickness dependent forward bias conduction mechanism in organic diodes**
YILDIZ D. E. , TOPPARE L. K. , ÇIRPAN A.
International Physics Conference at the Anatolian Peak, IPCAP 2016, 25 - 27 Şubat 2016
- LXIV. **CONJUGATED COPOLYMERS FROM BENZODITHIOPHENE AND BENZOTRIAZOLE SYNTHESIS AND PHOTOVOLTAIC APPLICATIONS**
ÇIRPAN A., Akbaşoğlu Ünlü N., HIZALAN ÖZSOY G., TOPPARE L. K.
Trans Mediterranean Colloquium on Heterocyclic Chemistry TRAMECH VIII, 11 - 15 Kasım 2015
- LXV. **Conjugated Polymer Based Organic Light Emitting Diodes**
HIZALAN ÖZSOY G., Koçak G., Aktaş E., ÇIRPAN A., TOPPARE L. K.
7.LED ve LED Aydınlatma Konferansı, 1 - 04 Ekim 2015
- LXVI. **Preparation and Characterization of Perovskite Layers**
HIZALAN ÖZSOY G., Hosseini A., YERCI S., ÇIRPAN A., TOPPARE L. K.
1st International Conference on Perovskite Solar Cells and Optoelectronics, 27 - 29 Eylül 2015
- LXVII. **Multi functional molecules and multicolor probes for targeted cell imaging**
TOPPARE L. K.
RSC Symposium Series: Catalysis and Sensing for Health, 7 - 11 Eylül 2015
- LXVIII. **Syntheses and Optical Properties of Perfluorophenyl Containing Benzimidazole Derivatives The Effect of Donor Units**
İleri M., ÖZDEMİR HACIOĞLU Ş., ÇIRPAN A., TOPPARE L. K.
European Polymer Federation Congress, 21 - 26 Haziran 2015
- LXIX. **The effect of the different donor units on fluorescent conjugated polymers containing 2 1 3 benzooxadiazole as the acceptor unit**
GÖKER S., HIZALAN ÖZSOY G., İleri M., ÖZDEMİR HACIOĞLU Ş., TOPPARE L. K.
European Polymer Federation Congress, 21 - 26 Haziran 2015
- LXX. **Development of an Amperometric Biosensor Based on A Novel Conducting Copolymer for Detection of Anti Dementia Drugs**
Turan J., KESİK M., SÖYLEMEZ S., GÖKER S., Kolb M., Bahadır M., TOPPARE L. K.
ISE-Sponsored Meeting; XXIII International Symposium on Bioelectrochemistry and Bioenergetics, 14 - 18 Haziran 2015
- LXXI. **Development of An Efficient Immobilization Matrix Based On A Conducting Polymer and Functionalized Multiwall Carbon Nanotubes Synthesis And Its Application To Ethanol Biosensor**
SÖYLEMEZ S., Ekiz Kanık F., Demirci Uzun S., ÖZDEMİR HACIOĞLU Ş., TOPPARE L. K.
ISE-Sponsored Meeting; XXIII International Symposium on Bioelectrochemistry and Bioenergetics, 14 - 18 Haziran 2015
- LXXII. **An Acetylcholinesterase Biosensor Based on a Conducting Polymer Using Multiwalled Carbon Nanotubes for Amperometric Detection of Organophosphorous Pesticides**
KESİK M., Ekiz Kanık F., Turan J., Kolb M., TİMUR S., Bahadır M., TOPPARE L. K.
ISE-Sponsored Meeting; XXIII International Symposium on Bioelectrochemistry and Bioenergetics, 14 - 18 Haziran

2015

- LXXIII. **Conducting Polymer Based Efficient Surface Design for the Detection of Cholesterol**
SÖYLEMEZ S., UDUM Y., KESİK M., GÜNDOĞDU HIZLIATEŞ C., ERGÜN M. Y., TOPPARE L. K.
1st Conference of Medical and Biological Engineering in Bosnia and Herzegovina, 13 - 15 Mart 2015
- LXXIV. **High Stability of Benzothiophene and Benzotriazole Containing Medium Band Gap Polymer for Inverted Organic Solar Cell Application**
Ünay H., HIZALAN ÖZSOY G., TOPPARE L. K., ÇIRPAN A., Alturk Parlak E.
E-MRS 2015 Spring Meeting, Lille Grand Palais, 11 - 15 Mayıs 2015
- LXXV. **Random copolymer comprising 5 6 bis octyloxy 2 1 3 benzooxadiazole for Bulk Heterojunction solar cell Synthesis and characterization**
GÖKER S., HIZALAN ÖZSOY G., İleri M., ÇIRPAN A., TOPPARE L. K.
3rd Turkish Solar Electricity Conference and Exhibition, 27 - 29 Nisan 2015
- LXXVI. **SILAFLUORENE AND THIOPHENE BEARING POLYMER FOR POLYMER SOLAR CELL APPLICATIONS**
HIZALAN ÖZSOY G., Erlik O., Akbaşoğlu Ünlü N., ÖZDEMİR HACIOĞLU Ş., Çömez S., YILDIZ D. E., TOPPARE L. K., ÇIRPAN A.
3rd Turkish Solar Electricity Conference and Exhibition, 27 - 29 Nisan 2015
- LXXVII. **Benzotriazole based alternating copolymer synthesis for organic photovoltaic applications**
İSTANBULLUOĞLU Ç., GÖKER S., HIZALAN ÖZSOY G., ÖZDEMİR HACIOĞLU Ş., UDUM Y., TOPPARE L. K.
3rd Turkish Solar Electricity Conference and Exhibition, 27 - 29 Nisan 2015
- LXXVIII. **Selenium Containing Conducting Polymer Based Pyranose Oxidase Biosensor for Glucose Detection**
Gökoğlan T. C., SÖYLEMEZ S., KESİK M., Toksabay S., TOPPARE L. K.
1st Conference of Medical and Biological Engineering in Bosnia and Herzegovina, 13 - 15 Mart 2015
- LXXIX. **Conjugated Copolymers From Benzodithiophene And Benzotriazole Synthesis And Photovoltaic Applications**
ÇIRPAN A., Unlu N. A., Hızalan G., TOPPARE L. K.
Trans Mediterranean Colloquium on Heterocyclic Chemistry (TRAMECH), 11 - 15 Kasım 2015
- LXXX. **Green as it Gets; Donor-Acceptor type Polymers as the Key to Realization of RGB Based Polymer Display Devices**
Gunbas G., Toppare L.
13th International Symposium on Polymers and Organic Chemistry, Montreal, Kanada, 5 - 08 Temmuz 2009, cilt.297, ss.79-86

Ansiklopedide Bölümler

I. Encyclopedia of Polymeric Nanomaterials

ÇAMURLU P., TOPPARE L. K.

Springer, ss., 2015

Desteklenen Projeler

TOPPARE L. K., İLERİ M., Yükseköğretim Kurumları Destekli Proje, BENZİMİDAZOL TÜREVLERİNİN SENTEZİ, KARAKTERİZASYONU VE GÜNEŞ PİLİ UYGULAMALARI, 2018 - Devam Ediyor

TOPPARE L. K., GÖKER S., Yükseköğretim Kurumları Destekli Proje, BENZAZOLE İÇEREN İLETKEN POLİMERLERİN DİZAYNI, SENTEZİ VE YAPI-ÖZELLİK İLİŞKİLERİ, 2018 - Devam Ediyor

TOPPARE L. K., İSTANBULLUOĞLU Ç., Yükseköğretim Kurumları Destekli Proje, BENZOSELENADİYAZOL TEMELLİ KOPOLİMERLERİN SENTEZİ VE GÜNEŞ PİLİ UYGULAMALARI, 2018 - Devam Ediyor

TOPPARE L. K., TÜBİTAK Uluslararası İkili İşbirliği Projesi, İşlenebilir Yüksek Verimli Güneş Pilleri İçin Ara Tabaka Dizaynı, 2017 - Devam Ediyor

TOPPARE L. K., ÖNAL A. M., ESENTÜRK O., DANIŞMAN M. F., EREL GÖKTEPE İ., ÇIRPAN A., ASİL ALPTEKİN D.,

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

TOPPARE L. K. , EREL GÖKTEPE İ., ÇORUH N., ÇIRPAN A., Yükseköğretim Kurumları Destekli Proje, Tiyofer ve Selenofer türevlerinin sentezi, elektrokromik ve güneş gözesi uygulamaları, 2015 - 2015

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

TOPPARE L. K. , DOĞAN Ö., EREL GÖKTEPE İ., ÇIRPAN A., Yükseköğretim Kurumları Destekli Proje, Üçlü bağ içeren polimerlerin sentezi, elektrokromik ve güneş gözesi uygulamalarında kullanımı, 2013 - 2014

TOPPARE L. K. , EKİZ KANIK F., Yükseköğretim Kurumları Destekli Proje, DAD TİPİ İLETKEN POLİMERLERİN SENTEZİ KANSER HÜCRELERİ HEDEFLENMESİNDE KULLANIMI: MULTİFONKSİYONEL GÖRÜNTÜLEME VE TEŞHİS PLATFORMLARI, 2013 - 2013

TOPPARE L. K. , ÖKTEM G., Yükseköğretim Kurumları Destekli Proje, POLİMER ANA ZİNCİRİ ÜZERİNDE ASETİLENİK GRUPLAR İÇEREN SIRALI VE RASTGELE KOPOLİMERLERİN SENTEZİ VE OPTOELEKTRONİK ÖZELLİKLERİNİN İNCELENMESİ, 2013 - 2013

TOPPARE L. K. , ÇORAKÇI B., Yükseköğretim Kurumları Destekli Proje, FEROSENİL VE NAFTANİL GRUPLARI İLE TÜREVLENDİRİLMİŞ BENZOTRIAZOL BİLESİKLERİNİN FOTODUYAR MADDE OLARAK KULLANILMASI, 2013 - 2013

TOPPARE L. K. , ÖZELÇAĞLAYAN A. C. , Yükseköğretim Kurumları Destekli Proje, ELEKTROAKTİF BENZİMİDAZOL

TÜREVLERİNİN SENTEZİ VE ELEKTROKROMİK ÖZELLİKLERİ, 2013 - 2013

TOPPARE L. K. , BAYSEÇ Ş., Yükseköğretim Kurumları Destekli Proje, ANA ZİNCİRİNDE PERİLENDİMİT VE BENZOTRIAZOL ÜNİTELERİNİ İÇEREN DONÖR AKSEPTÖR YAPISINDA SIRALI VE RASGELE KOPOLİMERLERİN SENTEZİ VE OPTOELEKTRONİK ÖZELLİKLERİNİN İNCELENMESİ, 2013 - 2013

TOPPARE L. K. , HIZALAN G., Yükseköğretim Kurumları Destekli Proje, KUİNOLİN VE BENZOTRIAZOL İÇEREN DONOR-AKSEPTÖR TİPİ KOPOLİMER SENTEZLENMESİ VE GÜNEŞ PİLİ UYGULAMALARI, 2013 - 2013

TOPPARE L. K. , ATAMAN S., Yükseköğretim Kurumları Destekli Proje, TELLUR İÇEREN KONJUKE POLİMER SENTEZİ VE POLİMERLERİN ELEKTROKİMYASAL VE GÜNEŞ PİLİ UYGULAMALARI, 2013 - 2013

TOPPARE L. K. , RENDE E., Yükseköğretim Kurumları Destekli Proje, TİYOFEN VE BENZOTRIAZOL ÜNİTELERİ İÇEREN YENİ MONOMERLERİN SENTEZİ VE ELEKTROKROMİK UYGULAMALARI, 2013 - 2013

TOPPARE L. K. , APAYDIN D. H. , Yükseköğretim Kurumları Destekli Proje, AZOBENZEN VE FLOREN İÇEREN POLİMERLERİN ORGANİK GÜNEŞ PİLİ UYGULAMALARI, 2013 - 2013

TOPPARE L. K. , KURTULGU M., Yükseköğretim Kurumları Destekli Proje, BENZOBİSTİYAZOL İÇEREN POLİMERLERİN SENTEZİ VE FOTOVOLTAİK UYGULAMALARI, 2013 - 2013

TOPPARE L. K. , KESİK M., Yükseköğretim Kurumları Destekli Proje, PMMA/ KİL NANOKOMPOZİTLER İLE MODİFİYE EDİLEN İLETKEN POLİMER BAZLI FONKSİYONEL İMMOBİLİZASYON MATRİSİ: AMPEROMETRİK GLUKOZ BİYOSENSÖRÜ UYGULAMALARI, 2013 - 2013

TOPPARE L. K. , NAMAL İ., Yükseköğretim Kurumları Destekli Proje, ANTRASEN VE BENZOTRIAZOL İÇEREN POLİMERLERİN SENTEZİ, KARAKTERİZASYONU , ELEKTROKROMİK VE ORGANİK IŞIK YAYAN DİYOT UYGULAMALARI, 2013 - 2013

TOPPARE L. K. , NURİOĞLU A. G. , Yükseköğretim Kurumları Destekli Proje, 15-CROWN-5 İÇEREN POLİBENZEN TÜREVİ POLİMER SENTEZİ VE KATYON TUTUKLAMASI UYGULAMALARI, 2013 - 2013

TOPPARE L. K. , DEMİRCİ S., Yükseköğretim Kurumları Destekli Proje, İLETKEN POLİMER TABANLI BİYOAKTİF YÜZEY TASARIMI VE BİYOSENSÖR UYGULAMALARI, 2013 - 2013

TOPPARE L. K. , ZAIFOĞLU N. B. , Yükseköğretim Kurumları Destekli Proje, FENANTREN, TİYOFEN VE ETİLENDİOKSİTİYOFEN İÇEREN KONJÜGE POLİMERLERİN SENTEZİ, ELEKTROKROMİK VE FOTOVOLTAİK UYGULAMALARI, 2013 - 2013

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, Kolinesteraz İnhibitörlerinin Analizine Yönelik Elektrokimyasal Biyodetektörlerin Tasarımı Ve Uygulamaları, 2011 - 2013

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, Donör- Akseptör Tipi Polimerlerin Elektrokromik Cihaz, Güneş Pili Ve Işık Saçan Diyotlarda Kullanımı., 2012 - 2012

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, Döner-Akseptör Tipi Monomerlerin Sentezi Ve Elektrokimyasal Ve Kimyasal Polimerizasyonu, 2011 - 2011

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, Elektrokimyasal Olarak Üretilmiş Poli(karbin Silan) Polimerlerden Seramik Ve Metal Yüzeylerde Elmas/elmas-Silikon Karbid Film Sentezlenmesi Ve Bu Filmin Özelliklerinin Araştırılması., 2011 - 2011

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, Donör-Akseptör Tipi Monomerlerin Sentezi Ve Elektrokromik Polimerlerinin Üretimi, 2010 - 2010

TOPPARE L. K. , Yükseköğretim Kurumları Destekli Proje, Tiyofen, Piro, selenofen, 3,4-Etilendioksitiyofen Türevi Monomerlerin Sentezi Ve Elektromik Camlarda Kullanımı, 2009 - 2009

Bilimsel Dergilerdeki Faaliyetler

Turkish Journal of Chemistry, Danışma Kurul Üyesi, 2010 - Devam Ediyor

Macedonian Journal Of Chemistry And Chemical Engineering, Editörler Kurulu Üyesi, 2010 - Devam Ediyor

Bilimsel Kuruluşlardaki Üyelikler / Görevler

Bilim Akademisi, Üye, 2012 - Devam Ediyor

Bilimsel Hakemlikler

ACS APPLIED MATERIALS & INTERFACES, Hakemli Bilimsel Dergi, Eylül 2020
MACROMOLECULAR CHEMISTRY AND PHYSICS, Hakemli Bilimsel Dergi, Ağustos 2020
CHEMELECTROCHEM, SCI Kapsamındaki Dergi, Temmuz 2020
JOURNAL OF POLYMER SCIENCE, SCI Kapsamındaki Dergi, Haziran 2020
DYES AND PIGMENTS, Hakemli Bilimsel Dergi, Haziran 2020
SOLAR ENERGY MATERIALS AND SOLAR CELLS, Hakemli Bilimsel Dergi, Haziran 2020
POLYMER, SCI Kapsamındaki Dergi, Aralık 2019
FOOD CHEMISTRY, SCI Kapsamındaki Dergi, Aralık 2019
ELECTROCHIMICA ACTA, Hakemli Bilimsel Dergi, Ekim 2019
MACROMOLECULAR CHEMISTRY AND PHYSICS, Hakemli Bilimsel Dergi, Ekim 2019
ELECTROCHIMICA ACTA, SCI Kapsamındaki Dergi, Ekim 2019
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, SCI Kapsamındaki Dergi, Haziran 2019
POLYMER BULLETIN, Hakemli Bilimsel Dergi, Mayıs 2019
EUROPEAN POLYMER JOURNAL, SCI Kapsamındaki Dergi, Mayıs 2019
ACS APPLIED MATERIALS & INTERFACES, Hakemli Bilimsel Dergi, Mayıs 2019
ELECTROCHIMICA ACTA, SCI Kapsamındaki Dergi, Nisan 2019
ACS APPLIED MATERIALS & INTERFACES, SCI Kapsamındaki Dergi, Nisan 2019
POLYMER, Hakemli Bilimsel Dergi, Mart 2019
ELECTROCHIMICA ACTA, SCI Kapsamındaki Dergi, Mart 2019
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, SCI Kapsamındaki Dergi, Ocak 2019
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, SCI Kapsamındaki Dergi, Aralık 2018
ACS APPLIED MATERIALS & INTERFACES, SCI Kapsamındaki Dergi, Aralık 2018
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, SCI Kapsamındaki Dergi, Kasım 2018
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, SCI Kapsamındaki Dergi, Kasım 2018
EUROPEAN POLYMER JOURNAL, SCI Kapsamındaki Dergi, Ekim 2018
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, SCI Kapsamındaki Dergi, Ekim 2018
ELECTROCHIMICA ACTA, SCI Kapsamındaki Dergi, Ekim 2018
CHEMELECTROCHEM, SCI Kapsamındaki Dergi, Ekim 2018
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, SCI Kapsamındaki Dergi, Eylül 2018
POLYMER, SCI Kapsamındaki Dergi, Eylül 2018
ACS APPLIED MATERIALS & INTERFACES, SCI Kapsamındaki Dergi, Eylül 2018
FOOD CHEMISTRY, SCI Kapsamındaki Dergi, Eylül 2018
CHEMICAL ENGINEERING JOURNAL, SCI Kapsamındaki Dergi, Temmuz 2018
JOURNAL OF SOLID STATE ELECTROCHEMISTRY, SCI Kapsamındaki Dergi, Temmuz 2018
EUROPEAN POLYMER JOURNAL, SCI Kapsamındaki Dergi, Temmuz 2018
NEW JOURNAL OF CHEMISTRY, SCI Kapsamındaki Dergi, Haziran 2018
COLLOIDS AND SURFACES, SCI Kapsamındaki Dergi, Haziran 2018
FOOD CHEMISTRY, SCI Kapsamındaki Dergi, Mayıs 2018
SYNTHETIC METALS, SCI Kapsamındaki Dergi, Mayıs 2018
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, SCI Kapsamındaki Dergi, Nisan 2018
POLYMER INTERNATIONAL, SCI Kapsamındaki Dergi, Nisan 2018
JOURNAL OF BIOTECHNOLOGY, SCI Kapsamındaki Dergi, Nisan 2018
POLYMER, SCI Kapsamındaki Dergi, Nisan 2018
FOOD CHEMISTRY, SCI Kapsamındaki Dergi, Mart 2018
JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS, SCI Kapsamındaki Dergi, Mart 2018
EUROPEAN POLYMER JOURNAL, SCI Kapsamındaki Dergi, Mart 2018
JOURNAL OF MATERIALS CHEMISTRY C, SCI Kapsamındaki Dergi, Mart 2018
MATERIALS CHEMISTRY AND PHYSICS, SCI Kapsamındaki Dergi, Mart 2018
SENSORS AND ACTUATORS B-CHEMICAL, SCI Kapsamındaki Dergi, Mart 2018

INTERNATIONAL JOURNAL OF ADHESION AND ADHESIVES, SCI Kapsamındaki Dergi, Şubat 2018
BIOELECTROCHEMISTRY, SCI Kapsamındaki Dergi, Şubat 2018
JOURNAL OF MATERIALS CHEMISTRY C, SCI Kapsamındaki Dergi, Şubat 2018
POLYMER, SCI Kapsamındaki Dergi, Şubat 2018
ELECTROCHIMICA ACTA, SCI Kapsamındaki Dergi, Ocak 2018
JOURNAL OF MATERIALS CHEMISTRY B, SCI Kapsamındaki Dergi, Ocak 2018
RSC ADVANCES, SCI Kapsamındaki Dergi, Ocak 2018
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, SCI Kapsamındaki Dergi, Ocak 2018
ELECTROCHIMICA ACTA, SCI Kapsamındaki Dergi, Ocak 2018

Bilimsel Danışmanlıklar

Vestel, Bilimsel Projeler İçin Yapılan Danışmanlık, Orta Doğu Teknik Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, Türkiye, 2019 - Devam Ediyor

Kongre ve Sempozyum Katılımı Faaliyetleri

SYNTHESES OF 2,1,3-BENZOTHIADIAZOLE COMPRISING POLYMERS:THE EFFECT OF DISCRETE FUNCTIONAL GROUPS ON DEVICE PERFORMANCE AND OPTOELECTRONIC PROPERTIES, Katılımcı, İstanbul, Türkiye, 2019
Synthesis and Characterization of a Quinoxaline and Benzodithiophene Comprising Multifunctional Polymer, Katılımcı, İstanbul, Türkiye, 2019
Benzimidazole Derivatives and Their Electrochemical Applications, Katılımcı, İstanbul, Türkiye, 2019
ELECTROCHEMICAL AND BIOSENSING APPLICATION OF ANTHRACENE-BASED CONJUGATED POLYMER , Katılımcı, Çanakkale, Türkiye, 2019
AMPEROMETRIC ETHANOL BIOSENSOR CONSTRUCTED BY CARBON NANOTUBES AND A FLUORENE BASED POLYMER, Katılımcı, Çanakkale, Türkiye, 2019
Glucose Oxidase Immobilization on Thiazolothiazole Containing Multichromic Polymer Matrice for Glucose Detection , Katılımcı, İstanbul, Türkiye, 2019

Atıflar

Toplam Atıf Sayısı (WOS):9449
h-indeksi (WOS):45