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Kişisel Bilgiler

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Eğitim Bilgileri

Doktora, Orta Doğu Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Fen Bilimleri Enstitüsü, Türkiye 1982 - 1988

Yabancı Diller

İngilizce, C1 İleri

Araştırma Alanları

Kompozitler, Lif Teknolojisi, Nanokompozitler, Polimer Karakterizasyonu, Polimerik Kompleksler, Polimerik Malzemeler, Spektroskopi, Termoset Polimerler

Yönetilen Tezler

HACALOĞLU J., Aromatik boronik asitlerin polibenzoksazin türevlerinin ve kompozitlerinin ısıl özellikleri üzerindeki etkisi., Doktora, H.İpek(Öğrenci), 2019

HACALOĞLU J., Yanmaya karşı modifiyeli poliüretanın hazırlanması ve karakterizasyonu., Yüksek Lisans, P.Baysal(Öğrenci), 2019

HACALOĞLU J., KAYRAN İŞÇİ C., Poly(lactic acid) blends, composites and fibers and direct pyrolysis mass spectrometry for nanoclay composites, Doktora, E.ÖZDEMİR(Öğrenci), 2017

HACALOĞLU J., YILMAZ A., Boron bileşiğinin poli(metil metakrilat) ve nanokompozitlerinin özelliklerine etkileri., Yüksek Lisans, M.Göktaş(Öğrenci), 2016

YILMAZ A., HACALOĞLU J., Effects of boron compounds on characteristics of poly(methyl methacrylate) and its nanocomposites, Yüksek Lisans, M.GÖKTAŞ(Öğrenci), 2016

HACALOĞLU J., Characteristics of polylactide composites involving montmorillonite and boron compounds, Yüksek Lisans, A.ÖYKÜ(Öğrenci), 2016

HACALOĞLU J., KAYRAN İŞÇİ C., Synthesis and characterization of metal functional polybenzoxazines, Doktora, T.LEKESİZ(Öğrenci), 2014

TİNCER İ. T. , HACALOĞLU J., The effects of type and amount of organically modified montmorillonites on thermal degradation behavior and mechanical properties of poly(lactic acid), Yüksek Lisans, E.ÖZDEMİR(Öğrenci), 2014

HACALOĞLU J., YILMAZER Ü., Thermal characterization of composites of polyamide-6 and polypropylene involving boron compounds via direct pyrolysis mass spectrometry, Doktora, G.CEYDA(Öğrenci), 2013

HACALOĞLU J., KAYNAK C., Effects of nanoparticles on thermal characteristics of polyamide-6, polylactic acid and polystyrene involving various flame retardants, Doktora, H.KAYA(Öğrenci), 2013

HACALOĞLU J., The characterization of some methacrylate and acrylate homopolymers, copolymers and fibers via direct pyrolysis mass spectroscopy, Doktora, S.ÖZLEM(Öğrenci), 2012

HACALOĞLU J., Bazı metakrilat ve akrilat homopolimerlerinin, kopolimerlerin ve fiberlerinin direkt piroliz kütle spektrometresi ile karakterizasyonu., Doktora, S.Özlem(Öğrenci), 2012

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

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

HACALOĞLU J., KAYRAN İŞÇİ C., The effect of inorganic composites on the thermal degradation of polymethylmetacrylate (PMMA), Yüksek Lisans, M.KARABULUT(Öğrenci), 2011

KAYRAN İŞÇİ C., HACALOĞLU J., İnorganik kompozitlerin polimetilmetakrilat'ın ısısal degradasyonu üzerindeki etkileri, Yüksek Lisans, M.Karabulut(Öğrenci), 2011

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

HACALOĞLU J., Naftoksazinin ve polinaftoksazinin ısısal özelliklerinin direkt piroliz kütle spektrometresi ile incelenmesi, Yüksek Lisans, Z.Koyuncu(Öğrenci), 2009

HACALOĞLU J., Investigation of thermal characteristics of naphthoxazines and polynaphthoxazines via direct pyrolysis mass spectrometry, Yüksek Lisans, Z.KOYUNCU(Öğrenci), 2009

HACALOĞLU J., KAYRAN İŞÇİ C., Thermal characterization of phenol and bisphenol a based polybenzoxazines, Yüksek Lisans, S.BAGHERİFAM(Öğrenci), 2009

HACALOĞLU J., Fenollü ve bisfenollü polibenzoksazinin ısısal olarak karakterizasyonu., Yüksek Lisans, S.Bagherifam(Öğrenci), 2009

HACALOĞLU J., KAYRAN İŞÇİ C., Nano structural metal composites: Synthesis, structural and thermal characterization, Yüksek Lisans, T.ORHAN(Öğrenci), 2009

HACALOĞLU J., KAYRAN İŞÇİ C., Thermal characterization of homopolymers, copolymers and metal functional copolymers of vinylpyridines, Yüksek Lisans, A.ELMACI(Öğrenci), 2008

HACALOĞLU J., Structural and thermal characterization of polymers via pyrolysis mass spectrometry, Yüksek Lisans, E.ARGİN(Öğrenci), 2005

HACALOĞLU J., Pyrolysis mass spectrometric analysis of copolymer of polyacrylonitrile and polythiophene, Yüksek Lisans, G.OĞUZ(Öğrenci), 2004

TOPPARE L. K. , HACALOĞLU J., Characterization of conducting polymers of ester linkage containing thiophene derivatives via mass spectroscopy, Yüksek Lisans, E.ASLAN(Öğrenci), 2004

TOPPARE L. K. , HACALOĞLU J., Synthesis of conducting copolymer of succinic acid bis-(pyrrolyl-phenyl) ester with thiophene, Yüksek Lisans, M.ERTAŞ(Öğrenci), 2003

HACALOĞLU J., Pyrolysis mass spectrometric analysis of polythiophene and poly (3-methylthiophene), Yüksek Lisans, F.TUBA(Öğrenci), 2003

TOPPARE L. K. , HACALOĞLU J., 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

HACALOĞLU J., Pyrolysis mass spectrometry analysis of thiophene capped block copolymers of pyrrole, Yüksek Lisans, İ.LATHAR(Öğrenci), 2001

TOPPARE L. K. , HACALOĞLU J., Structural investigation of conducting polymer graft of pyrrole via mass spectrometry, Yüksek Lisans, T.UYAR(Öğrenci), 2000

HACALOĞLU J., Thermal characteristics of rocket propellants, Yüksek Lisans, H.Fazlıoğlu(Öğrenci), 2000

HACALOĞLU J., Rapid pyrolysis and its application in thermal analysis of polymers, Yüksek Lisans, T.ERSEN(Öğrenci), 1996

HACALOĞLU J., Rapid pyrolysis and its applications intermal analysis of polymers, Yüksek Lisans, T.Ersen(Öğrenci), 1996

HACALOĞLU J., Direct pyrolysis of some polymers using mass spectrometry, Yüksek Lisans, M.Mousa(Öğrenci), 1993

SCI, SSCI ve AHCI İndekslerine Giren Dergilerde Yayınlanan Makaleler

- Preparation and characterization of poly(lactic acid) composites involving aromatic diboronic acid and organically modified montmorillonite**
Akar A. O. , HACALOĞLU J.
JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, cilt.143, sa.4, ss.3117-3126, 2021 (SCI İndekslerine Giren

Dergi)

- II. **The effect of 3-hydroxyphenylboronic acid on thermal characteristics of polybenzoxazine based on phenol and 4-aminomethylbenzoate**
Ipek H., HACALOĞLU J.
JOURNAL OF POLYMER RESEARCH, cilt.27, sa.8, 2020 (SCI İndekslerine Giren Dergi)
- III. **Poly(methyl methacrylate) nanocomposites involving aromatic diboronic acid**
Goktas M., Hacaloğlu J.
Polymer Bulletin, cilt.76, sa.12, ss.6231-6243, 2019 (SCI İndekslerine Giren Dergi)
- IV. **Synthesis and analysis of thermal characteristics of polybenzoxazine based on phenol and 3-Amino phenyl boronic acid**
İPEK H., HACALOĞLU J.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, cilt.57, sa.15, ss.1711-1716, 2019 (SCI İndekslerine Giren Dergi)
- V. **The effect of aromatic diboronic acid on characteristics of polybenzoxazine based on phenol and 4-aminomethylbenzoate**
İPEK H., HACALOĞLU J.
JOURNAL OF POLYMER RESEARCH, cilt.25, sa.12, 2018 (SCI İndekslerine Giren Dergi)
- VI. **Effects of aromatic diboronic acid on thermal characteristics of polybenzoxazines based on phenol and aniline**
Telli A. H. , HACALOĞLU J.
EUROPEAN POLYMER JOURNAL, cilt.108, ss.182-190, 2018 (SCI İndekslerine Giren Dergi)
- VII. **Characterization of polymer/nanoclay composites via direct pyrolysis mass spectrometry**
Ozdemir E., Hacaloğlu J.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.134, ss.395-404, 2018 (SCI İndekslerine Giren Dergi)
- VIII. **Thermal degradation of Polylactide/Poly(ethylene glycol) fibers and composite fibers involving organoclay**
Ozdemir E., Hacaloğlu J.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.129, ss.181-188, 2018 (SCI İndekslerine Giren Dergi)
- IX. **Poly(methyl methacrylate) organoclay composites; interactions of organic modifier with the polymer effecting thermal degradation behavior**
Ozdemir E., HACALOĞLU J.
EUROPEAN POLYMER JOURNAL, cilt.95, ss.474-481, 2017 (SCI İndekslerine Giren Dergi)
- X. **Characterizations of PLA-PEG blends involving organically modified montmorillonite**
Ozdemir E., Hacaloğlu J.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.127, ss.343-349, 2017 (SCI İndekslerine Giren Dergi)
- XI. **Polylactide/organically modified montmorillonite composite fibers**
Ozdemir E., Hacaloğlu J.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.124, ss.186-194, 2017 (SCI İndekslerine Giren Dergi)
- XII. **Polylactide/organically modified montmorillonite composites; effects of organic modifier on thermal characteristics**
Ozdemir E., Lekesiz T. O. , Hacaloğlu J.
POLYMER DEGRADATION AND STABILITY, cilt.134, ss.87-96, 2016 (SCI İndekslerine Giren Dergi)
- XIII. **Characterization of polylactide/poly(ethylene glycol) blends via direct pyrolysis mass spectrometry**
Ozdemir E., Tincer T., Hacaloğlu J.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.122, ss.315-322, 2016 (SCI İndekslerine Giren Dergi)
- XIV. **Effects of curing on structure and thermal characteristics of polybenzoxazine based on p-nitroaniline**
Lekesiz T. O. , HACALOĞLU J.
POLYMER DEGRADATION AND STABILITY, cilt.129, ss.363-373, 2016 (SCI İndekslerine Giren Dergi)
- XV. **Thermal degradation of polystyrene composites. Part II. The effect of nanoclay**
KAYA H., KAYNAK C., HACALOĞLU J.

- JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.120, ss.194-199, 2016 (SCI İndekslerine Giren Dergi)
- XVI. **Effects of nanoparticles on thermal degradation of polylactide/aluminium diethylphosphinate composites**
Kaya H., Özdemir E., Kaynak C., Hacaloğlu J.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.118, ss.115-122, 2016 (SCI İndekslerine Giren Dergi)
- XVII. **Thermal Degradation of Polylactide and Its Electrospun Fiber**
Ozdemir E., Hacaloğlu J.
FIBERS AND POLYMERS, cilt.17, ss.66-73, 2016 (SCI İndekslerine Giren Dergi)
- XVIII. **Preparation and thermal characterization of poly(2-vinylpyridine) copolymers coordinated to Cr nanoparticles**
Lekesiz T. O. , Kayran C., HACALOĞLU J.
POLYMERS FOR ADVANCED TECHNOLOGIES, cilt.26, sa.6, ss.555-560, 2015 (SCI İndekslerine Giren Dergi)
- XIX. **Pyrolysis of poly(methy methacrylate) copolymers**
Ozlem-Gundogdu S., Gurel E. A. , HACALOĞLU J.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.113, ss.529-538, 2015 (SCI İndekslerine Giren Dergi)
- XX. **Thermal degradation of polylactide/aluminium diethylphosphinate**
Kaya H., Hacaloğlu J.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.110, ss.155-162, 2014 (SCI İndekslerine Giren Dergi)
- XXI. **Metal ion functional polybenzoxazine based on phenol and 2-aminopyridine**
Lekesiz T. O. , HACALOĞLU J.
POLYMER, cilt.55, sa.16, ss.3533-3542, 2014 (SCI İndekslerine Giren Dergi)
- XXII. **Preparation and characterization of polystyrene-b-poly(2-vinylpyridine) coordinated to metal or metal ion nanoparticles**
Lekesiz T. O. , Kaleli K., UYAR T., KAYRAN İŞÇİ C., HACALOĞLU J.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.106, ss.81-85, 2014 (SCI İndekslerine Giren Dergi)
- XXIII. **Thermal degradation of polystyrene composites. Part I. The effect of brominated polyepoxy and antimony oxide**
Kaya H., HACALOĞLU J.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.105, ss.301-308, 2014 (SCI İndekslerine Giren Dergi)
- XXIV. **Direct Pyrolysis - Mass Spectrometry Analysis of Thermal Degradation of Thio-Click-Modified Poly(2-oxazoline)**
Atilkan N., Schlaad H., NUR Y., HACALOĞLU J.
MACROMOLECULAR CHEMISTRY AND PHYSICS, cilt.215, sa.2, ss.148-152, 2014 (SCI İndekslerine Giren Dergi)
- XXV. **Thermal degradation of poly(n-butyl methacrylate), poly(n-butyl acrylate) and poly(t-butyl acrylate)**
Ozlem S., HACALOĞLU J.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.104, ss.161-169, 2013 (SCI İndekslerine Giren Dergi)
- XXVI. **Direct pyrolysis mass spectrometry analyses of polyamide-6 containing melamine and boron compounds**
Isbasar C., Bayramli E., HACALOĞLU J.
POLYMER COMPOSITES, cilt.34, sa.8, ss.1389-1395, 2013 (SCI İndekslerine Giren Dergi)
- XXVII. **Thermal degradation of poly(isobornyl acrylate) and its copolymer with poly(methyl methacrylate) via pyrolysis mass spectrometry**
Ozlem S., Aslan-Guerel E., Rossi R. M. , HACALOĞLU J.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.100, ss.17-25, 2013 (SCI İndekslerine Giren Dergi)
- XXVIII. **Synthesis, Characterization, and Thermal Properties of Alkyl-Functional Naphthoxazines**
UYAR T., HACALOĞLU J., Ishida H.
JOURNAL OF APPLIED POLYMER SCIENCE, cilt.127, sa.4, ss.3114-3123, 2013 (SCI İndekslerine Giren Dergi)
- XXIX. **Direct pyrolysis mass spectrometry to investigate the effects of dopants on characteristics of polypyrrole and its copolymers**
Guerel E. A. , Toppare L., HACALOĞLU J.

- JOURNAL OF THERMAL ANALYSIS AND CALORIMETRY, cilt.111, sa.2, ss.1133-1138, 2013 (SCI İndekslerine Giren Dergi)
- XXX. **Thermal degradation of poly(2-vinylpyridine) copolymers**
Orhan T., HACALOĞLU J.
POLYMER DEGRADATION AND STABILITY, cilt.98, sa.1, ss.356-360, 2013 (SCI İndekslerine Giren Dergi)
- XXXI. **Investigation of polymerization of benzoxazines and thermal degradation characteristics of polybenzoxazines via direct pyrolysis mass spectrometry**
Fam S. B. , Uyar T., Ishida H., HACALOĞLU J.
Polymer International, cilt.61, sa.10, ss.1532-1541, 2012 (SCI İndekslerine Giren Dergi)
- XXXII. **Synthesis and pyrolysis of ABC type miktoarm star copolymers with polystyrene, poly(lactic acid) and poly(ethylene glycol) arms**
Ozlem S., Iskin B., Yilmaz G., Kukut M., HACALOĞLU J., Yagci Y.
European Polymer Journal, cilt.48, sa.10, ss.1755-1767, 2012 (SCI İndekslerine Giren Dergi)
- XXXIII. **Direct insertion mass spectrometric analysis of thermal degradation of poly(2-alkyl-2-oxazoline)**
Atilkan N., Nur Y., HACALOĞLU J., Schlaad H.
Macromolecular Chemistry and Physics, cilt.213, sa.9, ss.945-951, 2012 (SCI İndekslerine Giren Dergi)
- XXXIV. **Direct insertion probe mass spectrometry of polymers**
HACALOĞLU J.
Advances in Polymer Science, cilt.248, ss.69-103, 2012 (SCI İndekslerine Giren Dergi)
- XXXV. **Thermal degradation of organophosphorus flame-retardant poly(methyl methacrylate) nanocomposites containing nanoclay and carbon nanotubes**
ORHAN T., Isitman N. A. , HACALOĞLU J., KAYNAK C.
POLYMER DEGRADATION AND STABILITY, cilt.97, sa.3, ss.273-280, 2012 (SCI İndekslerine Giren Dergi)
- XXXVI. **Investigation of thermal degradation characteristics of polyamide-6 containing melamine or melamine cyanurate via direct pyrolysis mass spectrometry**
Isbasar C., HACALOĞLU J.
Journal of Analytical and Applied Pyrolysis, cilt.98, ss.221-230, 2012 (SCI İndekslerine Giren Dergi)
- XXXVII. **Thermal degradation characteristics of polysulfones with benzoxazine end groups**
Orhan T., Ates S., Hacaloğlu J., Yagci Y.
Journal of Analytical and Applied Pyrolysis, cilt.94, ss.146-152, 2012 (SCI İndekslerine Giren Dergi)
- XXXVIII. **Thermal degradation mechanisms of aluminium phosphinate, melamine polyphosphate and zinc borate in poly(methyl methacrylate)**
Orhan T., Isitman N. A. , Hacaloğlu J., Kaynak C.
POLYMER DEGRADATION AND STABILITY, cilt.96, ss.1780-1787, 2011 (SCI İndekslerine Giren Dergi)
- XXXIX. **Characterization of β -cyclodextrin modified SiO₂**
Nielsen R., Kingshott P., Uyar T., HACALOĞLU J., Larsen K. L.
Surface and Interface Analysis, cilt.43, sa.5, ss.884-892, 2011 (SCI İndekslerine Giren Dergi)
- XL. **Electrospun polyethylene oxide (PEO) nanofibers containing cyclodextrin inclusion complex**
Uyar T., HACALOĞLU J., Besenbacher F.
Journal of Nanoscience and Nanotechnology, cilt.11, sa.5, ss.3949-3958, 2011 (SCI İndekslerine Giren Dergi)
- XLI. **Thermal degradation of polysiloxane and polyetherester containing benzoxazine moieties in the main chain**
Bagherifam S., Kışkan B., Aydogan B., Yagci Y., HACALOĞLU J.
Journal of Analytical and Applied Pyrolysis, cilt.90, sa.2, ss.155-163, 2011 (SCI İndekslerine Giren Dergi)
- XLII. **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)
- XLIII. **Functional electrospun polystyrene nanofibers incorporating α -, β -, and γ -cyclodextrins: Comparison of molecular filter performance**
Uyar T., Havelund R., Hacaloğlu J., Besenbacher F., Kingshott P.

- ACS Nano, cilt.4, ss.5121-5130, 2010 (SCI İndekslerine Giren Dergi)
- XLIV. **The use of pyrolysis mass spectrometry to investigate polymerization and degradation processes of methyl amine-based benzoxazine**
Bagherifam S., Uyar T., Ishida H., Hacaloğlu J.
Polymer Testing, cilt.29, ss.520-526, 2010 (SCI İndekslerine Giren Dergi)
- XLV. **High temperature pyrolysis of poly(phenylene vinylene)s with poly(ϵ -caprolactone) or polystyrene side chains**
Nur Y., Çolak D., Cianga I., Yagci Y., Hacaloğlu J.
Journal of Thermal Analysis and Calorimetry, cilt.98, ss.527-532, 2009 (SCI İndekslerine Giren Dergi)
- XLVI. **Thermal decomposition of polystyrene-b-poly(2-vinylpyridine) coordinated to co nanoparticles**
Elmaci A., Hacaloğlu J., Kayran C., Sakellariou G., Hadjichristidis N.
Polymer Degradation and Stability, cilt.94, ss.2023-2027, 2009 (SCI İndekslerine Giren Dergi)
- XLVII. **The characterization of polyaniline and polypyrrole composites by pyrolysis mass spectrometry**
HACALOĞLU J., Tezal F., Kücükavuz Z.
Journal of Applied Polymer Science, cilt.113, sa.5, ss.3130-3136, 2009 (SCI İndekslerine Giren Dergi)
- XLVIII. **The formation and characterization of cyclodextrin functionalized polystyrene nanofibers produced by electrospinning**
Uyar T., Havelund R., HACALOĞLU J., Zhou X., Besenbacher F., Kingshott P.
Nanotechnology, cilt.20, sa.12, 2009 (SCI İndekslerine Giren Dergi)
- XLIX. **Electrospinning of functional poly(methyl methacrylate) nanofibers containing cyclodextrin-menthol inclusion complexes**
Uyar T., Nur Y., HACALOĞLU J., Besenbacher F.
Nanotechnology, cilt.20, sa.12, 2009 (SCI İndekslerine Giren Dergi)
- L. **Molecular filters based on cyclodextrin functionalized electrospun fibers**
Uyar T., Havelund R., Nur Y., HACALOĞLU J., Besenbacher F., Kingshott P.
Journal of Membrane Science, cilt.332, ss.129-137, 2009 (SCI İndekslerine Giren Dergi)
- LI. **Thermal degradation of poly(vinylpyridine)s**
Elmaci A., HACALOĞLU J.
Polymer Degradation and Stability, cilt.94, sa.4, ss.738-743, 2009 (SCI İndekslerine Giren Dergi)
- LII. **Electrospun polystyrene fibers containing high temperature stable volatile fragrance/flavor facilitated by cyclodextrin inclusion complexes**
Uyar T., HACALOĞLU J., Besenbacher F.
Reactive and Functional Polymers, cilt.69, sa.3, ss.145-150, 2009 (SCI İndekslerine Giren Dergi)
- LIII. **Polymerisation and degradation of an aromatic amine-based naphthoxazine**
Uyar T., Koyuncu Z., Ishida H., HACALOĞLU J.
Polymer Degradation and Stability, cilt.93, sa.12, ss.2096-2103, 2008 (SCI İndekslerine Giren Dergi)
- LIV. **Direct pyrolysis mass spectrometry studies on thermal degradation characteristics of poly(phenylene vinylene) with well-defined PSt side chains**
Nur Y., Çolak D., Cianga I., Yagci Y., HACALOĞLU J.
Journal of Thermal Analysis and Calorimetry, cilt.94, sa.1, ss.157-162, 2008 (SCI İndekslerine Giren Dergi)
- LV. **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)
- LVI. **Pyrolysis of poly(phenylene vinylene)s with polycaprolactone side chains**
Nur Y., Çolak D., Cianga I., Yagci Y., HACALOĞLU J.
Polymer Degradation and Stability, cilt.93, sa.5, ss.904-909, 2008 (SCI İndekslerine Giren Dergi)
- LVII. **Characterization of polyaniline via pyrolysis mass spectrometry**
HACALOĞLU J., Argin E., Kücükavuz Z.
Journal of Applied Polymer Science, cilt.108, sa.1, ss.400-405, 2008 (SCI İndekslerine Giren Dergi)
- LVIII. **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)

- LIX. **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)
- LX. **Investigation of the effect of dopant on characteristics of poly(3-methyl thiophene) via pyrolysis mass spectrometry**
Gözet T., Önal A. M. , Hacaloğlu J.
Journal of Macromolecular Science, Part A: Pure and Applied Chemistry, cilt.44, ss.259-263, 2007 (SCI İndekslerine Giren Dergi)
- LXI. **Thermal degradation of poly(p-phenylene-graft-ε-caprolactone) copolymer**
Nur Y., Yurteri S., Cianga I., Yagci Y., HACALOĞLU J.
Polymer Degradation and Stability, cilt.92, sa.5, ss.838-848, 2007 (SCI İndekslerine Giren Dergi)
- LXII. **Pyrolysis mass spectrometry analysis of polycarbonate/poly(methyl methacrylate)/poly(vinyl acetate) ternary blends**
Uyar T., Rusa C. C. , Tonelli A. E. , HACALOĞLU J.
Polymer Degradation and Stability, cilt.92, sa.1, ss.32-43, 2007 (SCI İndekslerine Giren Dergi)
- LXIII. **Pyrolysis of polyphenylenes with PCL or/and PSt side chains**
Nur Y., Yurteri S., Cianga I., Yagci Y., HACALOĞLU J.
Journal of Analytical and Applied Pyrolysis, cilt.80, sa.2, ss.453-459, 2007 (SCI İndekslerine Giren Dergi)
- LXIV. **Thermal degradation of polycarbonate, poly(vinyl acetate) and their blends**
Uyar T., Tonelli A. E. , HACALOĞLU J.
Polymer Degradation and Stability, cilt.91, sa.12, ss.2960-2967, 2006 (SCI İndekslerine Giren Dergi)
- LXV. **Thermal degradation processes of poly(carbonate) and poly(methyl methacrylate) in blends coalesced either from their common inclusion compound formed with γ-cyclodextrin or precipitated from their common solution**
Uyar T., Oguz G., Tonelli A. E. , HACALOĞLU J.
Polymer Degradation and Stability, cilt.91, sa.10, ss.2471-2481, 2006 (SCI İndekslerine Giren Dergi)
- LXVI. **Investigation of chlorinated poly(propylene oxide) and polyepichlorohydrin by direct pyrolysis mass spectrometry**
Uyar T., Oztürk E., Alyürük K., HACALOĞLU J.
Journal of Macromolecular Science, Part A: Pure and Applied Chemistry, cilt.43, sa.9, ss.1399-1407, 2006 (SCI İndekslerine Giren Dergi)
- LXVII. **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)
- LXVIII. **The solid channel structure inclusion complex formed between guest styrene and host γ-cyclodextrin**
Uyar T., El-Shafei A., Wang X., HACALOĞLU J., Tonelli A. E.
Journal of Inclusion Phenomena, cilt.55, ss.109-121, 2006 (SCI İndekslerine Giren Dergi)
- LXIX. **Pyrolysis mass spectrometry analysis of poly(vinyl acetate), poly(methyl methacrylate) and their blend coalesced from inclusion compounds formed with γ-cyclodextrin**
Uyar T., Aslan E., Tonelli A. E. , HACALOĞLU J.
Polymer Degradation and Stability, cilt.91, sa.1, ss.1-11, 2006 (SCI İndekslerine Giren Dergi)
- LXX. **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)
- LXXI. **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)

- LXXII. **Pyrolysis mass spectrometry analysis of electrochemically grafted polyacrylonitrile with thiophene**
Oguz G., HACALOĞLU J., ÖNAL A. M.
Journal of Macromolecular Science - Pure and Applied Chemistry, sa.10, ss.1387-1397, 2005 (SCI İndekslerine Giren Dergi)
- LXXIII. **Intimate blending of binary polymer systems from their common cyclodextrin inclusion compounds**
Uyar T., Rusa C. C., Wang X., Rusa M., HACALOĞLU J., Tonelli A. E.
Journal of Polymer Science, Part B: Polymer Physics, cilt.43, sa.18, ss.2578-2593, 2005 (SCI İndekslerine Giren Dergi)
- LXXIV. **Reorganization and improvement of bulk polymers by processing with their cyclodextrin inclusion compounds**
Uyar T., Rusa C. C., Hunt M. A., Aslan E., HACALOĞLU J., Tonelli A. E.
Polymer, cilt.46, sa.13, ss.4762-4775, 2005 (SCI İndekslerine Giren Dergi)
- LXXV. **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)
- LXXVI. **Pyrolysis mass spectrometry analyses of poly(3-methylthiophene)**
Gozet T., HACALOĞLU J.
Journal of Analytical and Applied Pyrolysis, cilt.73, sa.2, ss.257-262, 2005 (SCI İndekslerine Giren Dergi)
- LXXVII. **Direct pyrolysis mass spectrometry analysis of fresh and aged PF6--doped polythiophenes**
Gozet T., HACALOĞLU J.
Polymer International, cilt.53, sa.12, ss.2162-2168, 2004 (SCI İndekslerine Giren Dergi)
- LXXVIII. **Deuterium kinetic isotope effects in the gas-phase S N2 reactions of solvated fluoride ions with methyl halides**
Kato S., HACALOĞLU J., Davico G. E., DePuy C. H., Bierbaum V. M.
Journal of Physical Chemistry A, cilt.108, sa.45, ss.9887-9891, 2004 (SCI İndekslerine Giren Dergi)
- LXXIX. **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)
- LXXX. **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)
- LXXXI. **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)
- LXXXII. **Pyrolysis mass spectrometry analysis of BF4 - doped polythiophene**
Gozet T., HACALOĞLU J., ÖNAL A. M.
Journal of Macromolecular Science - Pure and Applied Chemistry, sa.6, ss.713-725, 2004 (SCI İndekslerine Giren Dergi)
- LXXXIII. **Effect of N-methylimidazole and 3,5-dimethylpyrazole ligands on the polymerization of di(2,6-dichlorophenolato) Cu(II)/Co(II) complexes in the solid state**
Baştürkmen M., HACALOĞLU J., Kisakürek D.
Journal of Applied Polymer Science, cilt.91, sa.6, ss.3797-3805, 2004 (SCI İndekslerine Giren Dergi)
- LXXXIV. **Structural and thermal characterization of PTSA doped polypyrrole-polytetrahydrofuran graft**

copolymer

Özdilek C., HACALOĞLU J., Toppare L., Yağcı Y.

Synthetic Metals, cilt.140, sa.1, ss.69-78, 2004 (SCI İndekslerine Giren Dergi)

- LXXXV. **Pyrolysis mass spectrometry analysis of thiophene capped poly(methyl methacrylate) and poly(methylthienyl methacrylate)**
HACALOĞLU J., Athar I., TOPPARE L. K. , Yağcı Y.
Journal of Macromolecular Science - Pure and Applied Chemistry, sa.6, ss.605-615, 2003 (SCI İndekslerine Giren Dergi)
- LXXXVI. **Characterization of BF₄- doped polythiophene via pyrolysis mass spectrometry**
Gozet T., ÖNAL A. M. , HACALOĞLU J.
Synthetic Metals, ss.453-454, 2003 (SCI İndekslerine Giren Dergi)
- LXXXVII. **Synthesis and characterization of a new copolymer of PTSA doped polypyrrole**
Levent A., HACALOĞLU J., TOPPARE L. K. , Yağcı Y.
Synthetic Metals, ss.457-458, 2003 (SCI İndekslerine Giren Dergi)
- LXXXVIII. **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)
- LXXXIX. **Thermal degradation of poly(propylene oxide) and polyepichlorohydrin by direct pyrolysis mass spectrometry**
Uyar T., Hacaloglu J.
JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.64, sa.2, ss.379-393, 2002 (SCI İndekslerine Giren Dergi)
- XC. **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)
- XC1. **Thermal decomposition of glycidyl azide polymer by direct insertion probe mass spectrometry**
Fazlioğlu H., HACALOĞLU J.
Journal of Analytical and Applied Pyrolysis, cilt.63, sa.2, ss.327-338, 2002 (SCI İndekslerine Giren Dergi)
- XCII. **Characterization of polypyrrole/polytetrahydrofuran graft copolymers by direct pyrolysis mass spectrometry**
Özdilek C., Toppare L., Yağcı Y., HACALOĞLU J.
Journal of Analytical and Applied Pyrolysis, cilt.64, sa.2, ss.363-378, 2002 (SCI İndekslerine Giren Dergi)
- XCIII. **The effect of triethanolamine on thermal decomposition of GAP**
Fazhoğlu H., HACALOĞLU J.
Journal of Macromolecular Science - Pure and Applied Chemistry, sa.7, ss.759-768, 2002 (SCI İndekslerine Giren Dergi)
- XCIV. **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)
- XCv. **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)
- XCVI. **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)
- XCvII. **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)
- XCvIII. **Infrared spectra of cyclic-O₆+ and trans-O₆+ in solid neon and argon**

- Zhou M., Hacaloglu J., Andrews L.
Journal of Chemical Physics, cilt.110, sa.19, ss.9450-9456, 1999 (SCI İndekslerine Giren Dergi)
- XCIX. **Pyrolysis mass spectrometric analysis of styrene-isoprene-styrene copolymer**
HACALOĞLU J., Fares M. M. , Suzer S.
European Polymer Journal, cilt.35, sa.5, ss.939-944, 1999 (SCI İndekslerine Giren Dergi)
- C. **A rapid pyrolysis mass spectrometry technique for the study of polymers**
HACALOĞLU J., Ersen T.
Rapid Communications in Mass Spectrometry, cilt.12, sa.22, ss.1793-1795, 1998 (SCI İndekslerine Giren Dergi)
- CI. **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)
- CII. **Pyrolysis mass spectrometric analysis of styrene-butadiene block and random copolymers**
HACALOĞLU J., Ersen T., Ertugrul N., Fares M. M. , Suzer S.
European Polymer Journal, cilt.33, sa.2, ss.199-203, 1997 (SCI İndekslerine Giren Dergi)
- CIII. **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)
- CIV. **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)
- CV. **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)
- CVI. **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)
- CVII. **Pyrolysis Studies to Investigate Effects of Polymerization Techniques on Structure and Thermal Behavior of Poly(1,2-Epoxy-4-Epoxyethylcyclohexanes)**
HACALOĞLU J., Yalçın T., ÖNAL A. M.
Journal of Macromolecular Science, Part A, cilt.32, sa.6, ss.1167-1181, 1995 (SCI İndekslerine Giren Dergi)
- CVIII. **Thermal analysis of electroinitiated and radiation induced poly(epoxycyclopentanes) and poly(epoxycyclohexanes) by mass spectrometry**
HACALOĞLU J., ÖNAL A. M.
European Polymer Journal, cilt.31, sa.2, ss.103-107, 1995 (SCI İndekslerine Giren Dergi)
- CIX. **Analysis of polymers using evolved-gas and direct-pyrolysis techniques**
Fares M. M. , Yalcin T., HACALOĞLU J., Gungor A., Suzer S.
The Analyst, cilt.119, sa.4, ss.693-696, 1994 (SCI İndekslerine Giren Dergi)
- CX. **Measurements of Solvent and Secondary Kinetic Isotope Effects for the Gas-Phase SN2 Reactions of Fluoride with Methyl Halides**
O'Hair R. A. J. , HACALOĞLU J., Dang T. T. , Davico G. E. , DePuy C. H. , Bierbaum V. M.
Journal of the American Chemical Society, cilt.116, sa.8, ss.3609-3610, 1994 (SCI İndekslerine Giren Dergi)
- CXI. **Mass spectral analysis of poly(3-aminocrotonamide) obtained by radiation induced solid state polymerization**
Melad O., Usanmaz A., HACALOĞLU J.
European Polymer Journal, cilt.30, sa.6, ss.693-699, 1994 (SCI İndekslerine Giren Dergi)
- CXII. **Characterization of degradation products of polyethylene oxide by pyrolysis mass spectrometry**
Fares M., HACALOĞLU J., Suzer S.
European Polymer Journal, cilt.30, sa.7, ss.845-850, 1994 (SCI İndekslerine Giren Dergi)
- CXIII. **Mass spectrometric study on plasma reactions of methyl methacrylate-styrene mixtures**

- Ozden (Orhan) B., HACALOĞLU J., Akovau G.
European Polymer Journal, cilt.28, sa.2, ss.129-134, 1992 (SCI İndekslerine Giren Dergi)
- CXIV. **A mass spectrometric study on plasma reactions of styrene and methyl methacrylate**
Özden (Orhan) B., HACALOĞLU J., Akovali G.
European Polymer Journal, cilt.27, sa.12, ss.1405-1410, 1991 (SCI İndekslerine Giren Dergi)
- CXV. **Chemical ionization discharge of N₂O for matrix infrared spectroscopic study of isolated anions**
Hacaloglu J., Suzer S., Andrews L.
Journal of Physical Chemistry, cilt.94, sa.5, ss.1759-1764, 1990 (SCI İndekslerine Giren Dergi)
- CXVI. **Negative ion formation in ClCH₂COCl, CCl₃COCl, and ClCH₂CHO under low-energy electron impact**
HACALOĞLU J., GÖKMEN A., Suzer S.
Journal of Physical Chemistry, cilt.94, sa.11, ss.4412-4415, 1990 (SCI İndekslerine Giren Dergi)
- CXVII. **A chemical ionization source of molecular ions for matrix-isolation spectroscopy**
Hacaloglu J., Andrews L.
Chemical Physics Letters, cilt.160, sa.3, ss.274-279, 1989 (SCI İndekslerine Giren Dergi)
- CXVIII. **Mass spectrometric study of negative ions from acetyl derivatives**
HACALOĞLU J., GÖKMEN A., Suzer S.
Journal of Physical Chemistry, cilt.93, sa.9, ss.3418-3421, 1989 (SCI İndekslerine Giren Dergi)
- CXIX. **Chemical ionization of chloromethanes for matrix isolation spectroscopy**
Hacaloglu J., Andrews L.
Journal of Molecular Structure: THEOCHEM, cilt.200, ss.325-338, 1989 (SCI İndekslerine Giren Dergi)
- CXX. **Mass spectrometric study of negative ions from unsaturated carbonyls**
HACALOĞLU J., GÖKMEN A., Suzer S., Illenberger E., Baumgartel H.
Journal of Physical Chemistry, cilt.93, sa.20, ss.7095-7098, 1989 (SCI İndekslerine Giren Dergi)
- CXXI. **Negative-ion formation in fluoroacetonitrile and chloroacetonitrile following low-energy electron impact**
HACALOĞLU J., Süzer S., Oster T., Illenberger E.
Chemical Physics Letters, cilt.153, ss.268-272, 1988 (SCI İndekslerine Giren Dergi)
- CXXII. **The redox behaviour of square-planar trans-dicyanodihalogenoaurate(III) complexes in acetonitrile**
HACALOĞLU J., Tunali N. K., AKBULUT U.
Journal of the Chemical Society, Dalton Transactions, sa.4, ss.715-717, 1984 (SCI İndekslerine Giren Dergi)

Diğer Dergilerde Yayınlanan Makaleler

- I. **Determination of electron affinity of phenyl radical by dissociative electron attachment technique**
HACALOĞLU J., Gaines A., Suzer S.
Organic Mass Spectrometry, cilt.28, sa.3, ss.285-286, 1993 (Diğer Kurumların Hakemli Dergileri)

Kitap & Kitap Bölümleri

- I. **Mass Spectrometry in Polymers Research**
Hacaloğlu J.
Applied Mass Spectroscopy Handbook, Mike Lee, Editör, John Wiley & Sons, West Sussex, UK, Amsterdam, ss.1119-1142, 2011
- II. **Thermal Degradation Mechanisms of Polybenzoxazines**
Hacaloğlu J.
Handbook of Benzoxazine Resins, Hatusa Ishida, Tarek Agag, Editör, Elsevier Science, Oxford/Amsterdam, Amsterdam, ss.287-305, 2011
- III. **The Encyclopedia of Mass Spectrometry : Ionization Methods**
Hacaloğlu J.

. The Encyclopedia of Mass Spectrometry : Ionization Methods, Michael L. Gross Richard M. Caprioli, Editör,
Elsevier Science, Oxford/Amsterdam , Amsterdam, ss.925-938, 2007

Hakemli Kongre / Sempozyum Bildiri Kitaplarında Yer Alan Yayınlar

- I. **Polybenzoxazine based on phenol and m-amino phenyl boronic acid**
İPEK H., HACALOĞLU J.
255th National Meeting and Exposition of the American-Chemical-Society (ACS) - Nexus of Food, Energy, and Water, Louisiana, Amerika Birleşik Devletleri, 18 - 22 Mart 2018, cilt.255
- II. **Effect of aromatic boronic acid on characteristics of polybenzoxazine based on phenol and p-amino methyl benzoate**
İPEK H., HACALOĞLU J.
254th National Meeting and Exposition of the American-Chemical-Society (ACS) on Chemistry's Impact on the Global Economy, Washington, Kiribati, 20 - 24 Ağustos 2017, cilt.254
- III. **Effect of organically modified montmorillonite on polymerization and thermal degradation mechanisms of polybenzoxazine**
Telli A. H. , HACALOĞLU J.
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

Desteklenen Projeler

- HACALOĞLU J., İPEK H., Yükseköğretim Kurumları Destekli Proje, BORONİK ASİTLİ BİLEŞİKLERİNİN POLİBENZOXAZİNE TÜREVLERİNİN ISIL VE MEKANİK ÖZELLİKLERİNE ETKİLERİ, 2018 - 2020
- HACALOĞLU J., UTKU N. N. , UTKU N., Yükseköğretim Kurumları Destekli Proje, BOR BİLEŞİKLERİNİN POLİESTERLERİN ISIL VE MEKANİK ÖZELLİKLERİNE ETKİLERİ, 2018 - 2020
- HACALOĞLU J., HİSAR TELLİ A., Yükseköğretim Kurumları Destekli Proje, MODİFİYE EDİLMİŞ POLİBENZOKSAZİN KOMPOZİTLERİNİN HAZIRLANMASI VE KARAKTERİZASYONU, 2018 - 2019
- TOPPARE L. K. , ÖNAL A. M. , ESENTÜRK O., DANIŞMAN M. F. , EREL GÖKTEPE İ., ÇIRPAN A., ASİL ALPTEKİN D., HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, İletken Kopolimer Bazlı Alkol Biyosensörleri Geliştirilmesi, 2018 - 2019
- Hacaloğlu J., TÜBİTAK Projesi, Polikaprolakton Kompozitlerinin Hazırlanması ve Karakterizasyonu, 2017 - 2018
- HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, BORONİK ASİTLİ BİLEŞİKLERİNİN POLİBENZOXAZİNE TÜREVLERİNİN ISIL VE MEKANİK ÖZELLİKLERİNE ETKİLERİ, 2017 - 2017
- HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, OPOLİKALAKTİK ASİT-POLİ KARIŞIMLARININ, KOMPOZİTLERİNİN VE FİBERLERİNİN MORFOLOJİK, ISIL VE MEKANİK ÖZELLİKLERİNE ETKİLERİ, 2017 - 2017
- TOPPARE L. K. , ÖNAL A. M. , ESENTÜRK O., AZERİ Ö., BÜBER E., DANIŞMAN M. F. , EREL GÖKTEPE İ., ÇIRPAN A., ASİL ALPTEKİN D., HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, Farklı makroyapılar kullanılarak iletken polimer bazlı çeşitli alkol biyosensörlerinin geliştirilmesi, 2017 - 2017
- HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, BORON BİLEŞİKLERİNİN POLİKAPROLAKTON KOMPOZİTLERİNİN VE FİBERLERİNİN MORFOLOJİK, ISIL VE MEKANİK ÖZELLİKLERİNE ETKİLERİ, 2017 - 2017
- HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, MODİFİYE EDİLMİŞ POLİBENZOKSAZİN KOMPOZİTLERİNİN HAZIRLANMASI VE KARAKTERİZASYONU, 2017 - 2017
- ESENTÜRK O., ÖNAL A. M. , DOĞAN Ö., DANIŞMAN M. F. , ASİL ALPTEKİN D., AYTEKİN Y. S. , HACALOĞLU J., PERSİL ÇETİNKOL Ö., Yükseköğretim Kurumları Destekli Proje, ŞARAP KALİTE TAYİNİ İÇİN YÖNTEM GELİŞTİRME ÇALIŞMALARI, 2016 - 2016
- HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016
- HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 -

2016

HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2016

HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2015

ESENTÜRK O., ÖNAL A. M. , DANIŞMAN M. F. , HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, AKTİF FARMASÖTİK MALZEME ANALİZİ İÇİN ALTERNATİF YÖNTEM GELİŞTİRİLMESİ, 2014 - 2015

HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, FEN BİLİMLERİ ENSTİTÜSÜ/LİSANSÜSTÜ TEZ PROJESİ, 2014 - 2014

Hacaloğlu J., Tincer İ. T. , TÜBİTAK Projesi, Poli(laktik asit) ve poli(laktik asit)/poli(etilen glikol) nanokompozit ve nanokompozit fiberlerin termal ve mekanik karakterizasyonu, 2012 - 2014

HACALOĞLU J., LEKESİZ T., Yükseköğretim Kurumları Destekli Proje, METAL FONKSİYONLU POLİBENZAZAKSİNLERİN SENTEZİ VE KARAKTERİZASYONU, 2013 - 2013

HACALOĞLU J., ÖZKAN B., Yükseköğretim Kurumları Destekli Proje, POLİBENZAZAKSİNLERİN ISIL ÖZELLİKLERİNE FONKSİYONEL GRUPLARIN ETKİSİ, 2013 - 2013

TOFFOLI D., ÖNAL A. M. , ESENTÜRK O., DANIŞMAN M. F. , HACALOĞLU J., Yükseköğretim Kurumları Destekli Proje, EGZOST GAZLARINDA BULUNAN NO_x MOLEKÜLLERİNİN İNDİRGE/DEPOLAMA DÖNGÜSÜNDE KULLANILAN KATALİZÖRLERİNİN VERİMLERİNİN ARTIRILMASI, 2013 - 2013

Hacaloğlu J., TÜBİTAK Projesi, Lise Öğretmenlerine Yönelik Kimya Bilgilerini Güncelleme Programı, 2011 - 2011

Hacaloğlu J., TÜBİTAK Projesi, Polibenzazaksinler Polimerleşme Ve Isıl Bozunum Mekanizmaları, 2009 - 2010

Hacaloğlu J., TÜBİTAK Projesi, İletken Aşı kopolimerlerinin yapısal analizi, 2001 - 2002

HACALOĞLU J., TÜBİTAK Projesi, İletken Aşı Kopolimerlerinin Piroliz GCMS Analizleri, 1998 - 1999

Bilimsel Hakemlikler

ENERGY CONVERSION AND MANAGEMENT, SCI Kapsamındaki Dergi, Haziran 2019

COMPOSITES, SCI Kapsamındaki Dergi, Mart 2019

Thermochimica Acta, SCI Kapsamındaki Dergi, Mart 2019

European Polymer Journal, SCI Kapsamındaki Dergi, Ocak 2019

Journal Of Analytical And Applied Pyrolysis, SCI Kapsamındaki Dergi, Ocak 2019

Polymer Degradation And Stability, SCI Kapsamındaki Dergi, Ağustos 2018

MACROMOLECULAR CHEMISTRY AND PHYSICS, SCI Kapsamındaki Dergi, Ağustos 2018

JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, SCI Kapsamındaki Dergi, Ağustos 2018

POLYMER DEGRADATION AND STABILITY, SCI Kapsamındaki Dergi, Temmuz 2018

Kongre ve Sempozyum Katılımı Faaliyetleri

Polybenzoxazine based on phenol and m-amino phenyl boronic acid, Çalışma Grubu, Washington, Amerika Birleşik Devletleri, 2018

Atıflar

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h-indeksi (WOS):24