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Kişisel Bilgiler

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Uluslararası Araştırmacı ID'leri

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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, Spektroskopisi, Termoset Polimerler

Yönetilen Tezler

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- I. **Preparation and characterization of poly(lactic acid) composites involving aromatic diboronic acid and organically modified montmorillonite**
Akar A. O., HACALOĞLU J.
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- II. **The effect of 3-hydroxyphenylboronic acid on thermal characteristics of polybenzoxazine based on phenol and 4-aminomethylbenzoate**
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- IV. **Synthesis and analysis of thermal characteristics of polybenzoxazine based on phenol and 3-Amino phenyl boronic acid**
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- V. **The effect of aromatic diboronic acid on characteristics of polybenzoxazine based on phenol and 4-aminomethylbenzoate**
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- VI. **Effects of aromatic diboronic acid on thermal characteristics of polybenzoxazines based on phenol and aniline**
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- VII. **Characterization of polymer/nanoclay composites via direct pyrolysis mass spectrometry**
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- VIII. **Thermal degradation of Polylactide/Poly(ethylene glycol) fibers and composite fibers involving organoclay**
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- IX. **Poly(methyl methacrylate) organoclay composites; interactions of organic modifier with the polymer effecting thermal degradation behavior**
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- X. **Characterizations of PLA-PEG blends involving organically modified montmorillonite**
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- XI. **Polylactide/organically modified montmorillonite composite fibers**
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- 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-Expanded)
- XIII. **Characterization of polylactide/poly(ethylene glycol) blends via direct pyrolysis mass spectrometry**
Ozdemir E., Tincer T., Hacaloğlu J.
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- XIV. **Thermal degradation of polystyrene composites. Part II. The effect of nanoclay**
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- JOURNAL OF ANALYTICAL AND APPLIED PYROLYSIS, cilt.120, ss.194-199, 2016 (SCI-Expanded)
- XV. **Effects of curing on structure and thermal characteristics of polybenzoxazine based on p-nitroaniline**
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- XVI. **Effects of nanoparticles on thermal degradation of polylactide/aluminium diethylphosphinate composites**
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- XVII. **Thermal Degradation of Polylactide and Its Electrospun Fiber**
Ozdemir E., Hacaloğlu J.
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- XVIII. **Preparation and thermal characterization of poly(2-vinylpyridine) copolymers coordinated to Cr nanoparticles**
Lekesiz T. O., Kayran C., HACALOĞLU J.
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- XIX. **Pyrolysis of poly(methy methacrylate) copolymers**
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- XX. **Thermal degradation of polylactide/aluminium diethylphosphinate**
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- XXI. **Metal ion functional polybenzoxazine based on phenol and 2-aminopyridine**
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- XXII. **Preparation and characterization of polystyrene-b-poly(2-vinylpyridine) coordinated to metal or metal ion nanoparticles**
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- XXIII. **Thermal degradation of polystyrene composites. Part I. The effect of brominated polyepoxy and antimony oxide**
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- XXIV. **Direct Pyrolysis - Mass Spectrometry Analysis of Thermal Degradation of Thio-Click-Modified Poly(2-oxazoline)**
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- XXV. **Thermal degradation of poly(n-butyl methacrylate), poly(n-butyl acrylate) and poly(t-butyl acrylate)**
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- XXVI. **Direct pyrolysis mass spectrometry analyses of polyamide-6 containing melamine and boron compounds**
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- XXVII. **Thermal degradation of poly(isobornyl acrylate) and its copolymer with poly(methyl methacrylate) via pyrolysis mass spectrometry**
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- XXVIII. **Synthesis, Characterization, and Thermal Properties of Alkyl-Functional Naphthoxazines**
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- XXIX. **Direct pyrolysis mass spectrometry to investigate the effects of dopants on characteristics of polypyrrole and its copolymers**
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- XXX. **Thermal degradation of poly(2-vinylpyridine) copolymers**
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- XXXI. **Investigation of polymerization of benzoxazines and thermal degradation characteristics of polybenzoxazines via direct pyrolysis mass spectrometry**
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- XXXII. **Synthesis and pyrolysis of ABC type miktoarm star copolymers with polystyrene, poly(lactic acid) and poly(ethylene glycol) arms**
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- XXXIV. **Direct insertion probe mass spectrometry of polymers**
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- XXXV. **Thermal degradation of organophosphorus flame-retardant poly(methyl methacrylate) nanocomposites containing nanoclay and carbon nanotubes**
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- XXXVII. **Thermal degradation characteristics of polysulfones with benzoxazine end groups**
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- XXXVIII. **Thermal degradation mechanisms of aluminium phosphinate, melamine polyphosphate and zinc borate in poly(methyl methacrylate)**
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- XXXIX. **Electrospun polyethylene oxide (PEO) nanofibers containing cyclodextrin inclusion complex**
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- XL. **Characterization of β -cyclodextrin modified SiO₂**
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- XLI. **Thermal degradation of polysiloxane and polyetherester containing benzoxazine moieties in the main chain**
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- XLII. **Cyclodextrin functionalized poly(methyl methacrylate) (PMMA) electrospun nanofibers for organic vapors waste treatment**
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- XLIII. Functional electrospun polystyrene nanofibers incorporating α -, β -, and γ -cyclodextrins: Comparison of molecular filter performance**
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- XLIV. The use of pyrolysis mass spectrometry to investigate polymerization and degradation processes of methyl amine-based benzoxazine**
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- XLV. Thermal decomposition of polystyrene-b-poly(2-vinylpyridine) coordinated to co nanoparticles**
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- XLVI. High temperature pyrolysis of poly(phenylene vinylene)s with poly(ϵ -caprolactone) or polystyrene side chains**
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- XLVII. The characterization of polyaniline and polypyrrole composites by pyrolysis mass spectrometry**
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- 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.
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- XLIX. Electrospinning of functional poly(methyl methacrylate) nanofibers containing cyclodextrin-menthol inclusion complexes**
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- L. Molecular filters based on cyclodextrin functionalized electrospun fibers**
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- LI. Thermal degradation of poly(vinylpyridine)s**
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- LII. Electrospun polystyrene fibers containing high temperature stable volatile fragrance/flavor facilitated by cyclodextrin inclusion complexes**
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- LIII. Polymerisation and degradation of an aromatic amine-based naphthoxazine**
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- LIV. Direct pyrolysis mass spectrometry studies on thermal degradation characteristics of poly(phenylene vinylene) with well-defined PSt side chains**
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- LV. Thermal analysis of a new thiophene derivative and its copolymer**
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- LVII. Characterization of polyaniline via pyrolysis mass spectrometry**
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- LVIII. **Characterization of conducting copolymer of pyrrole via pyrolysis mass spectrometry**
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- LIX. **A pyrolysis mass spectrometry study of polythiophene copolymers**
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- LX. **Investigation of the effect of dopant on characteristics of poly(3-methyl thiophene) via pyrolysis mass spectrometry**
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- LXI. **Pyrolysis mass spectrometry analysis of polycarbonate/poly(methyl methacrylate)/poly(vinyl acetate) ternary blends**
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- LXII. **Thermal degradation of poly(p-phenylene-graft-ε-caprolactone) copolymer**
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- LXIII. **Pyrolysis of polyphenylenes with PCL or/and PSt side chains**
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- LXIV. **Thermal degradation of polycarbonate, poly(vinyl acetate) and their blends**
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- 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**
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- LXVI. **Investigation of chlorinated poly(propylene oxide) and polyepichlorohydrin by direct pyrolysis mass spectrometry**
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