

Prof. NİLHAN KAYAMAN APOHAN

Personal Information

Email: napohan@marmara.edu.tr

Web: <https://avesis.marmara.edu.tr/napohan>

International Researcher IDs

ScholarID: 9E60-M8AAAAJ

ORCID: 0000-0002-7750-3058

Yoksis Researcher ID: 5369

Biography

Prof. Dr. Nilhan Kayaman Apohan received her PhD degree in 1998 from Istanbul Technical University. She worked as an Expert Researcher in Marmara Research Center of TUBITAK for 4 years. She worked at the Conte Polymer Research Center of the University of Massachusetts as a visiting scientist during 6 months period between 1998-1999. In 2000, she joined to the Department of Organic Chemistry, Marmara University, as a professor. In 2013-2016, she served as the Vice Dean of the Faculty of Arts and Sciences. She has been serving as the Head of the Department of Chemistry since 2015. In 2016, she established the Interdisciplinary Polymer Science and Technology Graduate Program. She has over 2000 citations in over 120 SCI indexed journals. Her H-index is 27. Her expertise includes polymer chemistry, synthetic polymer based biomaterials, biodegradable polymers, hydrogels, membranes, nanocomposites, UV cured surface coatings, Hybrid coatings, high performance polymer materials.

Education Information

Doctorate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya (Yıl) (Tezli), Turkey 1994 - 1998

Postgraduate, Istanbul Technical University, Fen Bilimleri Enstitüsü, Kimya (Yıl) (Tezli), Turkey 1992 - 1994

Undergraduate, Marmara University, Ataturk Faculty of Education, Mathematics and Science Education, Turkey 1987 - 1992

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Theoretical and experimental investigations on the phase transitions of polymeric systems, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Yıl) (Tezli), 1998

Postgraduate, Piridinium tuzlarının serbest radikal fotobüslatıcı olarak kullanımı, İstanbul Teknik Üniversitesi, Fen Bilimleri Enstitüsü, Kimya (Yıl) (Tezli), 1994

Research Areas

Academic Titles / Tasks

Professor, Marmara University, Faculty of Arts and Sciences, Chemistry, 2008 - Continues
Associate Professor, Marmara University, Faculty of Arts and Sciences, Chemistry, 2002 - 2008
Assistant Professor, Marmara University, Faculty of Arts and Sciences, Chemistry, 2000 - 2002

Academic and Administrative Experience

Marmara University, Faculty of Arts and Sciences, Chemistry, 2015 - Continues
Marmara University, Faculty of Arts and Sciences, 2013 - 2016
Marmara University, Faculty of Arts and Sciences, Chemistry, 2012 - 2015
Marmara University, Faculty of Arts and Sciences, Chemistry, 2010 - 2012

Courses

Polymer Chemistry, Undergraduate, 2018 - 2019
Polymer Photochemistry, Postgraduate, 2018 - 2019
Polymer Chemistry and applications, Undergraduate, 2018 - 2019
Introduction to Polymer Chemistry, Undergraduate, 2018 - 2019
Synthetic Biopolymers, Doctorate, 2018 - 2019
Polymer Characterization, Postgraduate, 2018 - 2019
Fundamentals of Polymer Chemistry, Postgraduate, 2018 - 2019

Advising Theses

Kayaman Apohan N., Poliaspartik Esterler ile Biobazlı Poliürea Kaplamaların Sentezi ve Karakterizasyonu, Doctorate, S.Dural(Student), Continues
Oktay B., Kayaman Apohan N., Enerji Depolama Sistemleri için Fonksiyonel Nano-yapıların Tasarımı, Postgraduate, İ.Cenik(Student), Continues
Kayaman Apohan N., Kendi kendini onarabilen yara örtücü biyomalzemelerin geliştirilmesi, Doctorate, M.YAŞAR(Student), 2023
Kayaman Apohan N., Kazan D., Biyobozunur Bakteriyel Selüloz-Hyalüronik Asit Doku İskelelerinin Çit-Çit Reaksiyonları ile Sentezi ve Uygulamaları, Postgraduate, Ş.Turan(Student), 2022
Kayaman Apohan N., Biyo-esaslı epoksi-nanokompozit kaplamalar, Postgraduate, S.ERAL(Student), 2022
Oktay B., Kayaman Apohan N., İyonik Sıvı Destekli PVDF Polielektritolitlerin Kontrollü Polimerizasyon ile Hazırlanması ve Karakterizasyonu, Postgraduate, B.Bektaş(Student), 2021
Oktay B., Kayaman Apohan N., Çekirdek Kabuk Tipi Poliakrilat Hidroksi Apatit İlaç Taşıyıcılarının Kontrollü Polimerizasyon ile Sentezi ve Karakterizasyon Çalışmaları, Postgraduate, G.Koçal(Student), 2020
Kayaman Apohan N., Sentez gazından hafif olefin üretimine yönelik inorganik ve polimerik destekli demir ve demir borid katalizörlerin geliştirilmesi, Postgraduate, M.TUPTUP(Student), 2020
Madakbaş S., Kayaman Apohan N., KENDİ KENDİNİ ONARABİLEN POLİÜRETAN NANOKOMPOZİT KAPLAMALARIN SENZEZİ VE KARAKTERİZASYONU, Postgraduate, S.AKHAN(Student), 2019
KAYAMAN APOHAN N., Yüksek sıcaklığa dayanıklı polimerlerle modifiye edilmiş seramer (ceramer) malzemeler ve uygulamaları, Doctorate, M.Hulusi(Student), 2019
KAYAMAN APOHAN N., GENÇOĞLU E. N., Yeni polimerik fotobaşlatıcılar kullanarak basılabilir düşük migrasyonlu vernik ve lak üretimi, Doctorate, E.ARMAN(Student), 2018

KAYAMAN APOHAN N., Yüksek performanslı polimid nanofiberlerin hazırlanması ve lityum iyon pillerde elektrolit olarak kullanımı, Postgraduate, E.Aytan(Student), 2016

KAYAMAN APOHAN N., Kitosan-ko-Hyaluronik asit kriyojellerinin hazırlanması ve karakterizasyonu, Postgraduate, T.KUTLUSOY(Student), 2016

KAYAMAN APOHAN N., POLİİMİD ESASLI YÜKSEK PERFORMANSLI YENİ POLİMERLERİN SENTEZİ VE UYGULAMALARI, Doctorate, R.DENİZ(Student), 2016

KAHRAMAN M. V., KAYAMAN APOHAN N., Moleküler baskılanmış polimer nanopartiküllerin sentezi ve karakterizasyonu, Postgraduate, M.YAŞAR(Student), 2016

KAYAMAN APOHAN N., Yüksek performanslı poliimid nanofiberlerin hazırlanması ve lityum iyon pillerde elektrolit olarak kullanımı, Postgraduate, E.AYTAN(Student), 2016

KAYAMAN APOHAN N., Yüksek performanslı poliimide dolgu malzemeleri takviyeli polimer türevlerinin sentezi, karakterizasyonu ve membran teknolojisindeki uygulamaları, Doctorate, M.BİÇEN(Student), 2015

KAYAMAN APOHAN N., Elektrospin teknigi ile hazırlanan biyopolimer nanoliflerin yüzey modifikasyonları ve uygulamaları, Doctorate, B.OKTAY(Student), 2015

KAYAMAN APOHAN N., Su bazlı poliüretan-akrilik-silika hibrit emülsiyonlarının sentezi ve karakterizasyonu, Postgraduate, H.SAVAŞ(Student), 2014

KAYAMAN APOHAN N., Karbon nanotüp içeren UV ışınlarıyla kürlenmiş nanokompozit kaplamalar, Postgraduate, K.İLGÜN(Student), 2014

ABDURRAHMANOĞLU S., KAYAMAN APOHAN N., Organik-inorganik hibrit hidrojellerin hazırlanması ve karakterizasyonu, Postgraduate, Ö.DOĞRU(Student), 2014

KAYAMAN APOHAN N., Manyetik nanopartikül içeren biyoparçalanabilen ilaç salınınm sistemlerinin sentezi ve karakterizasyonu, Postgraduate, T.BİÇER(Student), 2014

KAYAMAN APOHAN N., Polimer elektrolit membranlı yakıt pili uygulamaları için poli(arilen eter) esaslı membranların hazırlanması, Doctorate, M.GÜRTEKİN(Student), 2013

KAYAMAN APOHAN N., KAHRAMAN M. V., Termoplastik poliüretan sentezi ve kompozit hazırlama uygulamaları, Doctorate, Z.ALINTAŞ(Student), 2012

KAYAMAN APOHAN N., Poli(alfa-hidroksi ester üretan) esaslı biyobozunur polimerlerin sentezi ve karakterizasyonu, Postgraduate, Ç.ÇİÇEK(Student), 2012

KAYAMAN APOHAN N., Fosfin oksit içeren poliüretan-silika nanokompozitler ve kaplama performanslarının incelenmesi, Doctorate, Z.HOŞGÖR(Student), 2011

KAYAMAN APOHAN N., Termoplastik polyester elastomerlerin sentezi ve karakterizasyonu, Postgraduate, Ş.PAÇA(Student), 2011

KAYAMAN APOHAN N., Gümüş nanoparçacıkları içeren antimikrobiyal organik-inorganik hibrit kaplamaların hazırlanması ve karakterizasyonu, Postgraduate, B.OKTAY(Student), 2011

KAYAMAN APOHAN N., B-siklodekstrin içeren biyobozunur hidrojellerin sentezi ve ilaç salım özelliklerinin incelenmesi, Postgraduate, E.AKYÜREK(Student), 2010

KAYAMAN APOHAN N., β -siklodekstrin içeren biyobozunur hidrojellerin sentezi ve ilaç salım özelliklerinin incelenmesi, Postgraduate, E.Akyürek(Student), 2010

KAYAMAN APOHAN N., Apohan N., Protein konjugasyonu yeni bir formülasyon çalışması, Postgraduate, F.ÖZYÜREK(Student), 2010

KAHRAMAN M. V., KAYAMAN APOHAN N., 4-akrilomorfolin esaslı hidrojellerin sentezi ve ilaç salım kinetiğinin incelenmesi, Postgraduate, H.EFE(Student), 2010

KAYAMAN APOHAN N., Uv ışınları ile sertleşebilen aşınma ve yanma dayanımı, nanokompozit kaplamaların hazırlanması ve antimikrobiyal özelliklerinin incelenmesi, Postgraduate, R.DENİZ(Student), 2009

KAYAMAN APOHAN N., Doku mühendisliğinde kullanılacak yeni polimerik biyomalzemelerin geliştirilmesi, Doctorate, Z.SEDEN(Student), 2009

KAYAMAN APOHAN N., UV-ışınlarla sertleştirilebilen silika modifiye polielektrolit membranlarının sentezi ve karakterizasyonu, Postgraduate, M.GÜRTEKİN(Student), 2008

KAYAMAN APOHAN N., İvers-süspsansiyon polimerizasyon yöntemiyle hazırlanan mikrokürelerin karakterizasyonu ve ilaç salınımı çalışmaları, Postgraduate, Z.Nart(Student), 2008

KAYAMAN APOHAN N., Epoksi/silika nanokompozitler ve kaplama performanslarının incelenmesi, Postgraduate, D.Işin(Student), 2008

KAYAMAN APOHAN N., Maleid imid modifiye reçinelerin sentezi ve kaplama uygulamaları, Postgraduate, Z.ALTINTAŞ(Student), 2008

KAYAMAN APOHAN N., İvers-süsپansiyon polimerizasyonu yöntemiyle sentezlenen mikrokürelerin karakterizasyonu ve ilaç salınımı çalışmaları, Postgraduate, Z.NART(Student), 2008

KAYAMAN APOHAN N., Epoksi silika nanokompozitler ve kaplama performansının incelenmesi, Postgraduate, D.IŞIN(Student), 2008

Apohan K., Poliüretan/silika nanokompozitler ve kaplama performanslarının incelenmesi, Postgraduate, O.Türünç(Student), 2007

KAYAMAN APOHAN N., UV ışınları ile sertleşebilen sol-jel kaplamalarda yanmazlık geciktirici fosfin oksit bazlı reçinelerin etkisinin incelenmesi, Postgraduate, B.BİLEN(Student), 2007

KAYAMAN APOHAN N., Suda az çözünen ilaçların siklodekstrin modifiye hidrojeller ile taşınımı, Postgraduate, N.BORA(Student), 2006

KAYAMAN APOHAN N., pH ve sıcaklığa duyarlı faz geçisi gösteren iç içe girmiş polimerik ağ yapılarının sentezi ve karakterizasyonu, Postgraduate, Z.SEDEN(Student), 2005

KAYAMAN APOHAN N., Cam küre, CaCO₃ ve talk dolgulu polipropilen hibrit kompozitlerin mekanik ve fiziksel özelliklerinin incelenmesi, Postgraduate, Y.KANSU(Student), 2005

KAYAMAN APOHAN N., Cam küre, CaCO₃ ve talk dolgulu polipropilen hibrit kompozitlerin mekanik ve fiziksel özelliklerinin incelenmesi, Postgraduate, Y.Kansu(Student), 2005

KAYAMAN APOHAN N., Radikalik UV polimerizasyon ile siloksan modifiye edilmiş bisfenol A ve/veya 6F bisfenol A hibrit kaplamaların hazırlanması, karakterizasyonu ve uygulamaları, Postgraduate, M.KUĞU(Student), 2004

KAYAMAN APOHAN N., UV-ışınları ile sertleşebilen fosfin oksit bazlı reçinelerin sentezi, karakterizasyonu ve sol-jel kaplamalarda kullanımı, Postgraduate, Z.HOŞGÖR(Student), 2004

KAYAMAN APOHAN N., UV-ışınları ile sertleşebilen siloksan içeren vinil eter bazlı reçinelerin sentezi ve karakterizasyonu, Postgraduate, F.BETÜL(Student), 2003

KAYAMAN APOHAN N., UV-ışınları ile sertleşebilen akrilat/vinil eter bazlı iç içe girmiş polimerik ağ yapılarının (IPN) sentezi ve karakterizasyonu, Postgraduate, R.DEMİRCİ(Student), 2003

KAYAMAN APOHAN N., L-Laktik asit, glikolik asit ve 2,2'-bis(hidroksimetil propionik asit) içeren terpolimerinin sentezi ve karakterizasyonu, Postgraduate, E.ÖZALTIN(Student), 2003

KAYAMAN APOHAN N., L-Laktik asit, glikolik asit ve 2,2'-bis(hidroksimetil propionik asit) içeren terpolimerlerinin sentezi ve karakterizasyonu, Postgraduate, E.ÖZALTIN(Student), 2003

Designed Programs

Kayaman Apohan N., Undergraduate Double Major, Polymer Science and Technology Graduate Program, 2017 - Continues

Published journal articles indexed by SCI, SSCI, and AHCI

- I. Development of Bacterial Cellulose-Hyaluronic Acid Multicomponent Hydrogels via Click Chemistry for Biomedical Applications
Kayaman Apohan N., Oktay B., Kazan D., Okulmuş Turan Ş.
POLYMER SCIENCE - SERIES A, vol.65, no.6, pp.682-691, 2024 (SCI-Expanded)
- II. Improving the mechanical, thermal and surface properties of polyaspartic ester bio-based polyurea coatings by incorporating silica and titania
Dural S., Camadanlı S., Kayaman Apohan N.
Materials Today Communications, vol.38, 2024 (SCI-Expanded)
- III. Vegetable oil-based epoxy coating materials for self-healing and anticorrosive applications

- Oktay B., Türkcan J. H., Özdemir O. K., Kayaman Apohan N.
Macromolecular Research, vol.31, no.11, pp.1077-1086, 2023 (SCI-Expanded)
- IV. Molecular weight controlled sulfonated Poly(Arylene Ether)s and sulfonated Poly(Ether Ether ketone) polymer blends for fuel cell applications
Seden M. G., Baştürk E., İnan T. Y., Kayaman Apohan N., Güngör A.
International Journal of Hydrogen Energy, vol.48, no.85, pp.33297-33314, 2023 (SCI-Expanded)
- V. Development of self-healing vanillin/PEI hydrogels for tissue engineering
Yasar M., Oktay B., Dal Yontem F., Haciosmanoglu Aldogan E., Kayaman Apohan N.
European Polymer Journal, vol.188, 2023 (SCI-Expanded)
- VI. Molecularly imprinted nanoparticles with recognition properties towards diphtheria toxin for ELISA applications
Alkanlı S. S., Dal Yöntem F., Yaşar M., Güven C., Kahraman M. V., Kayaman Apohan N., Aktaş Z., Öncül M. O., Ünlü A., Akçakaya H.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.34, no.6, pp.753-767, 2023 (SCI-Expanded)
- VII. Preparation of organic-inorganic bio-based epoxy coatings with high anti-corrosive performance
Eral S., OKTAY B., Dizman C., KAYAMAN APOHAN N.
Polymer Bulletin, 2023 (SCI-Expanded)
- VIII. Poly(lactic acid) nanofibers containing phosphorylcholine grafts for transdermal drug delivery systems
OKTAY B., Eroglu G. O., DEMİR S., KURUCA D. S., KAYAMAN APOHAN N.
MATERIALS TODAY SUSTAINABILITY, vol.18, 2022 (SCI-Expanded)
- IX. Isosorbide, pyrogallol, and limonene-containing thiol-ene photocured bio-based organogels for the cleaning of artworks
Çakmak Y., Çakmakçı E., Kayaman Apohan N., Karadag R.
JOURNAL OF CULTURAL HERITAGE, vol.55, pp.391-398, 2022 (SCI-Expanded)
- X. Biodegradable Polyurethane Solid-Solid Phase Change Materials
Oktay B., Kayaman Apohan N.
ChemistrySelect, vol.6, no.24, pp.6280-6285, 2021 (SCI-Expanded)
- XI. Poly(2,6-diphenyl-p-phenylene oxide) supported iron catalysts for the synthesis of lower olefins via Fischer-Tropsch reaction
Tuptup M., Kayaman Apohan N., Ozkara-Sarioglan S., Unveren E., Atac O., Sarıoğlu A.
REACTION KINETICS MECHANISMS AND CATALYSIS, vol.132, pp.695-715, 2021 (SCI-Expanded)
- XII. Stimuli-responsive smart nanoparticles with well-defined random and triblock terpolymers for controlled release of an anticancer drug
Koçal G., Oktay B., Eroğlu G. Ö., Kuruca S. E., Çubuk S., Kayaman Apohan N.
Materials Today Communications, vol.26, 2021 (SCI-Expanded)
- XIII. Polymeric nanoparticles for selective protein recognition by using thiol-ene miniemulsion photopolymerization
Yaşar M., Dal Y., Kahraman M. V., Kayaman A., Aktaş Z., Öncül M., Akçakaya H.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.31, pp.2044-2059, 2020 (SCI-Expanded)
- XIV. Polyurethane graphene nanocomposites with self-healing properties by azide-alkyne click reaction
Akhan S., Oktay B., Özdemir O. K., Madakbaş S., Kayaman Apohan N.
Materials Chemistry and Physics, vol.254, 2020 (SCI-Expanded)
- XV. Immobilization of pectinase on polyethyleneimine based support via spontaneous amino-yne click reaction
OKTAY B., DEMİR S., Kayaman-Apohan N.
Food and Bioproducts Processing, vol.122, pp.159-168, 2020 (SCI-Expanded)
- XVI. Synthesis, characterization, and ionic conductivity of electrospun organic-inorganic hybrid gel electrolytes
Aytan E., Ugur M. H., KAYAMAN APOHAN N.
POLYMER ENGINEERING AND SCIENCE, vol.60, no.3, pp.619-629, 2020 (SCI-Expanded)

- XVII. **Development of nanofiber based immunosorbent surface for the removal of fluoxetine from breast milk**
Tunali-Akbay T., Kahraman M. V., Oktay B., İpekçi H., Kayaman Apohan N.
International Journal of Polymeric Materials and Polymeric Biomaterials, vol.68, no.16, pp.947-955, 2019 (SCI-Expanded)
- XVIII. **Stimuli-responsive poly(hydroxyethyl methacrylate) hydrogels from carboxylic acid-functionalized crosslinkers**
Bingol H. B., Agopcan-Cinar S., Bal T., Oran D. C., Kizilel S., Kayaman-Apohan N., Avci D.
JOURNAL OF BIOMEDICAL MATERIALS RESEARCH PART A, vol.107, no.9, pp.2013-2025, 2019 (SCI-Expanded)
- XIX. **The Synthesis of New Type II Polymeric Photoinitiator (thioxanthone) via Atom Transfer Radical Polymerization and Their Curing and Migration Studies**
Kandirmaz E., Gençoğlu E. N., Apohan N.
MACROMOLECULAR RESEARCH, vol.27, pp.756-763, 2019 (SCI-Expanded)
- XX. **Preparation of a Poly(ethylene glycol)-Based Cross-Linked Network from a Click Reaction for Enzyme Immobilization**
Oktay B., Demir S., Kayaman Apohan N.
CHEMISTRYSELECT, vol.4, no.20, pp.6055-6059, 2019 (SCI-Expanded)
- XXI. **Designing Coconut Oil Encapsulated Poly(stearyl methacrylate-co-hydroxyethyl metacrylate) Based Microcapsule for Phase Change Materials**
OKTAY B., Basturk E., KAHRAMAN M. V., Apohan N.
CHEMISTRYSELECT, vol.4, no.17, pp.5110-5115, 2019 (SCI-Expanded)
- XXII. **Preparation of poly (bis[2-(methacryloyloxy)ethyl] phosphate) crosslinked polymer brushes on Poly(vinylidene fluoride) nanofibers**
Oktay B., Ugur M. H., Kayaman Apohan N.
MATERIALS CHEMISTRY AND PHYSICS, vol.217, pp.168-174, 2018 (SCI-Expanded)
- XXIII. **Naphthalene-based polyimide electrolytes for lithium-ion battery applications**
Ozturk R. D. T., Ugur M. H., Gungor A., KAYAMAN APOHAN N.
ADVANCES IN POLYMER TECHNOLOGY, vol.37, no.5, pp.1356-1365, 2018 (SCI-Expanded)
- XXIV. **Preparation and thermal properties of Alkoxy Silane functionalized polyether sulfone/well-defined poly(trimethoxysilyl) propyl methacrylate-based hybrid materials**
OKTAY B., Basturk E., KAHRAMAN M. V., KAYAMAN APOHAN N.
POLYMER ENGINEERING AND SCIENCE, vol.58, no.8, pp.1346-1352, 2018 (SCI-Expanded)
- XXV. **Surface properties of sol-gel-based fluorine-containing ceramic coatings**
Ugur M. H., ÇAKMAKÇI E., Gungor A., KAYAMAN APOHAN N.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.87, no.1, pp.113-124, 2018 (SCI-Expanded)
- XXVI. **Thiol-yne photo-clickable electrospun phase change materials for thermal energy storage**
OKTAY B., Basturk E., KAHRAMAN M. V., Apohan N.
REACTIVE & FUNCTIONAL POLYMERS, vol.127, pp.10-19, 2018 (SCI-Expanded)
- XXVII. **Preparation of novel thioxanthone based polymeric photoinitiator for flexographic varnish and determination of their migration behaviour**
Kandirmaz E., Apohan N., GENÇOĞLU E. N.
PROGRESS IN ORGANIC COATINGS, vol.119, pp.36-43, 2018 (SCI-Expanded)
- XXVIII. **Methacrylate Functionalized MWCNTs/PDMS-Polyurethane Methacrylate UV-Curable Nanocomposites**
İlgün K., Oktay B., Kayaman Apohan N.
JOURNAL OF INORGANIC AND ORGANOMETALLIC POLYMERS AND MATERIALS, vol.28, pp.1235-1245, 2018 (SCI-Expanded)
- XXIX. **Magnetic nanoparticle containing thiol-ene crosslinked hydrogels for controlled and targeted release of hydrophobic drugs**
Oktay B., Demir S., Kayaman Apohan N.
POLYMER COMPOSITES, vol.39, 2018 (SCI-Expanded)

- XXX. Preparation and modification of polyethersulfone-based hybrid materials
OKTAY B., Baştürk E., KAHRAMAN M. V., KAYAMAN APOHAN N.
Spe Journal, 2018 (SCI-Expanded)
- XXXI. Highly thermally resistant, hydrophobic poly(vinyl alcohol)-silica hybrid nanofibers
Ugur M. H., OKTAY B., Gungor A., KAYAMAN APOHAN N.
JOURNAL OF THE SERBIAN CHEMICAL SOCIETY, vol.83, pp.885-897, 2018 (SCI-Expanded)
- XXXII. Facile fabrication and characterization of polyimide nanofiber reinforced photocured hybrid electrolyte for Li-ion batteries
Aytan E., Ugur M. H., KAYAMAN APOHAN N.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.28, no.12, pp.1951-1960, 2017 (SCI-Expanded)
- XXXIII. Chitosan-co-Hyaluronic acid porous cryogels and their application in tissue engineering
Kutlusoy T., OKTAY B., KAYAMAN APOHAN N., Sileymanoglu M., Kuruca S. E.
INTERNATIONAL JOURNAL OF BIOLOGICAL MACROMOLECULES, vol.103, pp.366-378, 2017 (SCI-Expanded)
- XXXIV. Thermal, physical, structural, thermomechanical features and single gas permeation comparison of fluorine, phenyl phosphine oxide-based copolyimides with poly(dimethylsiloxane)
Bicen M., KARATAŞ S., KAYAMAN APOHAN N., Gungor A.
POLYMER BULLETIN, vol.74, no.6, pp.2217-2244, 2017 (SCI-Expanded)
- XXXV. Zwitterionic phosphorylcholine grafted chitosan nanofiber: Preparation, characterization and in-vitro cell adhesion behavior
Oktay B., Kayaman Apohan N., Suleymanoglu M., Erdem-Kuruca S.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.73, pp.569-578, 2017 (SCI-Expanded)
- XXXVI. Role of polydimethylsiloxane in properties of ternary materials based on polyimides containing zeolite Y
Bicen M., KARATAŞ S., KAYAMAN APOHAN N., Gungor A.
CHEMICAL PAPERS, vol.70, no.7, pp.960-972, 2016 (SCI-Expanded)
- XXXVII. Fluorine-Containing Photocurable Hybrid Coatings via Anhydrous Sol-Gel Method
Cakmakci E., Altintas Z., KAHRAMAN M. V., Apohan N.
JOURNAL OF VINYL & ADDITIVE TECHNOLOGY, vol.21, no.4, pp.272-277, 2015 (SCI-Expanded)
- XXXVIII. The effect of surface modification of zeolite 4A on the physical and electrical properties of copolyimide hybrid films
Bicen M., KAYAMAN APOHAN N., KARATAŞ S., DUMLUDAĞ F., Gungor A.
MICROPOROUS AND MESOPOROUS MATERIALS, vol.218, pp.79-87, 2015 (SCI-Expanded)
- XXXIX. Phosphoric acid functional UV-cured proton conducting polymer membranes for fuel cells
Ugur M. H., KAYAMAN APOHAN N., AVCI SEMİZ D., Gungor A.
IONICS, vol.21, no.11, pp.3097-3107, 2015 (SCI-Expanded)
- XL. Superhydrophobic behavior of polyimide-siloxane mats produced by electrospinning
OKTAY B., Toker R. D., KAYAMAN APOHAN N.
POLYMER BULLETIN, vol.72, no.11, pp.2831-2842, 2015 (SCI-Expanded)
- XLI. Fabrication of collagen immobilized electrospun poly (vinyl alcohol) scaffolds
Oktay B., Kayaman Apohan N., Erdem-Kuruca S., Suleymanoglu M.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.26, pp.978-987, 2015 (SCI-Expanded)
- XLII. Thioether functional chain extender for thermoplastic polyurethanes
Altintas Z., ÇAKMAKÇI E., KAHRAMAN M. V., KAYAMAN APOHAN N.
CHINESE JOURNAL OF POLYMER SCIENCE, vol.33, no.6, pp.850-856, 2015 (SCI-Expanded)
- XLIII. Immobilization of alpha-amylase onto poly(glycidyl methacrylate) grafted electrospun fibers by ATRP
Oktay B., Demir S., Kayaman Apohan N.
MATERIALS SCIENCE & ENGINEERING C-MATERIALS FOR BIOLOGICAL APPLICATIONS, vol.50, pp.386-393, 2015 (SCI-Expanded)
- XLIV. Preparation and characterization of modified nanosilica/PNIPAm hybrid cryogels

- Dogru O., ABDURRAHMANOĞLU S., KAYAMAN APOHAN N.
POLYMER BULLETIN, vol.72, no.5, pp.993-1005, 2015 (SCI-Expanded)
- XLV. Synthesis and fuel cell characterization of blend membranes from phenyl phosphine oxide containing fluorinated novel polymers**
Seden M. G., Basturk E., Inan T. Y., KAYAMAN APOHAN N., Gungor A.
JOURNAL OF POWER SOURCES, vol.271, pp.465-479, 2014 (SCI-Expanded)
- XLVI. Preparation and characterization of novel thermoset polyimide and polyimide-peo doped with LiCF₃SO₃**
Ugur M. H., Toker R. D., Kayaman-Apojan N., Gungor A.
EXPRESS POLYMER LETTERS, vol.8, no.2, pp.123-132, 2014 (SCI-Expanded)
- XLVII. Polydimethylsiloxane (PDMS)-based antibacterial organic-inorganic hybrid coatings**
OKTAY B., KAYAMAN APOHAN N.
JOURNAL OF COATINGS TECHNOLOGY AND RESEARCH, vol.10, no.6, pp.785-798, 2013 (SCI-Expanded)
- XLVIII. UV-curable nano-silver containing polyurethane based organic-inorganic hybrid coatings**
Toker R. D., Kayaman-Apojan N., Kahraman M. V.
PROGRESS IN ORGANIC COATINGS, vol.76, no.9, pp.1243-1250, 2013 (SCI-Expanded)
- XLIX. Synthesis and drug-release properties of biodegradable hydrogels having beta-cyclodextrin**
KAYAMAN APOHAN N., Akyurek E.
POLYMER BULLETIN, vol.70, no.8, pp.2151-2167, 2013 (SCI-Expanded)
- L. Highly porous starch/poly(ethylene-alt-maleic anhydride) composite nanofiber mesh**
OKTAY B., Basturk E., KAYAMAN APOHAN N., KAHRAMAN M. V.
POLYMER COMPOSITES, vol.34, no.8, pp.1321-1324, 2013 (SCI-Expanded)
- LI. Fabrication of PLGA Based Tissue Engineering Scaffolds via Photocuring and Salt Leaching Techniques**
Cicek C., ÇAKMAKÇI E., KAYAMAN APOHAN N., Arslan M., Kuruca S. E.
INTERNATIONAL JOURNAL OF POLYMERIC MATERIALS AND POLYMERIC BIOMATERIALS, vol.62, no.14, pp.719-725, 2013 (SCI-Expanded)
- LII. UV cured thiol-ene flame retardant hybrid coatings**
Basturk E., OKTAY B., KAHRAMAN M. V., KAYAMAN APOHAN N.
PROGRESS IN ORGANIC COATINGS, vol.76, no.6, pp.936-943, 2013 (SCI-Expanded)
- LIII. Maleimide Containing UV-Cured Hybrid Coatings**
OKTAY B., KAYAMAN APOHAN N.
ADVANCES IN POLYMER TECHNOLOGY, vol.32, no.2, 2013 (SCI-Expanded)
- LIV. Synthesis of 4-Acryloylmorpholine- based Hydrogels and Investigation of their Drug Release Behaviors**
Efe H., Bicen M., KAHRAMAN M. V., KAYAMAN APOHAN N.
JOURNAL OF THE BRAZILIAN CHEMICAL SOCIETY, vol.24, no.5, pp.814-820, 2013 (SCI-Expanded)
- LV. Nonisocyanate polyurethane/silica hybrid coatings via a sol-gel route**
Hosgor Z., Kayaman-Apojan N., Karatas S., Gungor A., Menceloglu Y.
ADVANCES IN POLYMER TECHNOLOGY, vol.31, no.4, pp.390-400, 2012 (SCI-Expanded)
- LVI. Preparation of bow tie-type methacrylated poly(caprolactone-co-lactic acid) scaffolds: effect of collagen modification on cell growth**
BAYRAMOĞLU G., KAYAMAN APOHAN N., KAHRAMAN M. V., Karadenizli S., Kuruca S. E., Gungor A.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.23, no.10, pp.1403-1413, 2012 (SCI-Expanded)
- LVII. The effect of titania content on the physical properties of polyimide/titania nanohybrid films**
Kizilkaya C., DUMLUDAĞ F., KARATAŞ S., KAYAMAN APOHAN N., Altindal A., Gungor A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.125, no.5, pp.3802-3810, 2012 (SCI-Expanded)
- LVIII. Preparation and characterization of boron containing thiol-ene photocured hybrid coatings**
ÇAKMAKÇI E., Mulazim Y., KAHRAMAN M. V., KAYAMAN APOHAN N.
PROGRESS IN ORGANIC COATINGS, vol.75, pp.28-32, 2012 (SCI-Expanded)
- LIX. Preparation and drug release properties of lignin-starch biodegradable films**

- Calgeris I., ÇAKMAKÇI E., OGAN A., KAHRAMAN M. V., KAYAMAN APOHAN N.
STARCH-STARKE, vol.64, no.5, pp.399-407, 2012 (SCI-Expanded)
- LX. **Synthesis and characterization of polyimide/hexagonal boron nitride composite**
Kizilkaya C., Mulazim Y., KAHRAMAN M. V., KAYAMAN APOHAN N., Gungor A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.124, no.1, pp.706-712, 2012 (SCI-Expanded)
- LXI. **Cell Growth on In Situ Photo-Cross-Linked Electrospun Acrylated Cellulose Acetate Butyrate**
ÇAKMAKÇI E., Gungor A., KAYAMAN APOHAN N., Kurucu S. E., Cetin M. B., Dar K. A.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.23, no.7, pp.887-899, 2012 (SCI-Expanded)
- LXII. **Preparation, characterization and drug release behavior of poly(acrylic acid-co-2-hydroxyethyl methacrylate-co-2-acrylamido-2-methyl-1-propanesulfonic acid) microgels**
Nart Z., KAYAMAN APOHAN N.
JOURNAL OF POLYMER RESEARCH, vol.18, no.5, pp.869-874, 2011 (SCI-Expanded)
- LXIII. **Thermal and neutron shielding properties of B-10 containing UV cured hybrid coatings**
Mulazim Y., KAHRAMAN M. V., KAYAMAN APOHAN N.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.59, no.3, pp.613-620, 2011 (SCI-Expanded)
- LXIV. **Preparation of fluorine containing hybrid coatings: investigation of coating performance onto ABS and PMMA substrates**
KAHRAMAN M. V., Akdemir Z. S., Kartal I., KAYAMAN APOHAN N., Gungor A.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.22, no.6, pp.981-986, 2011 (SCI-Expanded)
- LXV. **Preparation of photocurable silica-titania hybrid coatings by an anhydrous sol-gel process**
Altintas Z., Cakmakci E., Kahraman M. V., Apohan N., Gungor A.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.58, no.3, pp.612-618, 2011 (SCI-Expanded)
- LXVI. **Preparation and Characterization of UV-Curable, Boron-Containing, Transparent Hybrid Coatings**
Mulazim Y., KAHRAMAN M. V., KAYAMAN APOHAN N., Kiziltas S., Gungor A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.120, no.4, pp.2112-2121, 2011 (SCI-Expanded)
- LXVII. **Synthesis and characterization of UV-curable phosphorus containing hybrid materials prepared by sol-gel technique**
KARATAŞ S., KAYAMAN APOHAN N., Turunc O., Gungor A.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.22, no.5, pp.567-576, 2011 (SCI-Expanded)
- LXVIII. **The maleimide modified epoxy resins for the preparation of UV-curable hybrid coatings**
Altintas Z., KARATAŞ S., KAYAMAN APOHAN N., Gungor A.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.22, no.2, pp.270-278, 2011 (SCI-Expanded)
- LXIX. **Preparation and characterization of UV-curable polymeric support for covalent immobilization of xylanase enzyme**
Akdemir Z. S., DEMİR S., KAHRAMAN M. V., Apohan N.
JOURNAL OF MOLECULAR CATALYSIS B-ENZYMATICS, vol.68, no.1, pp.104-108, 2011 (SCI-Expanded)
- LXX. **Preparation of Biocompatible, UV-Cured Fumarated Poly(ether-ester)-Based Tissue-Engineering Hydrogels**
Akdemir Z. S., Kayaman-Apohan N., KAHRAMAN M. V., Kurucu S. E., Gungor A., Karadenizli S.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.22, no.7, pp.857-872, 2011 (SCI-Expanded)
- LXXI. **Flame retardant thiol-ene photocured coatings**
ÇAKMAKÇI E., Mulazim Y., KAHRAMAN M. V., Apohan N.
REACTIVE & FUNCTIONAL POLYMERS, vol.71, no.1, pp.36-41, 2011 (SCI-Expanded)
- LXXII. **Preparation and characterization of phosphine oxide based polyurethane/silica nanocomposite via non-isocyanate route**
Hosgor Z., Kayaman-Apohan N., KARATAŞ S., Menceloglu Y., Gungor A.
PROGRESS IN ORGANIC COATINGS, vol.69, no.4, pp.366-375, 2010 (SCI-Expanded)
- LXXIII. **Synthesis and Characterization of Novel Polyimide/SiO₂ Nanocomposite Materials Containing Phenylphosphine Oxide via Sol-Gel Technique**
Kizilkaya C., KARATAŞ S., Apohan N., Guengoer A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.115, no.6, pp.3256-3264, 2010 (SCI-Expanded)

- LXXIV. Preparation and characterization of photopolymerizable organic-inorganic hybrid materials by the sol-gel method
KARATAŞ S., Hosgor Z., Apohan N., Gungor A.
JOURNAL OF POLYMER RESEARCH, vol.17, no.2, pp.247-254, 2010 (SCI-Expanded)
- LXXV. Preparation of collagen modified photopolymers: a new type of biodegradable gel for cell growth
Bayramoglu G., KAYAMAN APOHAN N., Akcakaya H., KAHRAMAN M. V., Kurucu S. E., Gungor A.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE, vol.21, no.2, pp.761-775, 2010 (SCI-Expanded)
- LXXVI. Removal of Lead and Cadmium Ions from Aqueous Solutions Using Sulphur and Oxygen Donor Ligand Bearing Hydrogels
Firlak M., KÖK YETİMOĞLU E., KAHRAMAN M. V., KAYAMAN APOHAN N., DENİZ S.
SEPARATION SCIENCE AND TECHNOLOGY, vol.45, no.1, pp.116-128, 2010 (SCI-Expanded)
- LXXVII. Synthesis of fluorinated/methacrylated epoxy based oligomers and investigation of its performance in the UV curable hybrid coatings
KAHRAMAN M. V., Bayramoglu G., BOZTOPRAK Y., Gungor A., KAYAMAN APOHAN N.
PROGRESS IN ORGANIC COATINGS, vol.66, no.1, pp.52-58, 2009 (SCI-Expanded)
- LXXVIII. UV curable sulfonated hybrid materials and their performance as proton exchange membranes
Gurtekin M., Kayaman-Apohan N., Kahraman M. V., Menceloglu Y., Gungor A.
REACTIVE & FUNCTIONAL POLYMERS, vol.69, no.9, pp.698-704, 2009 (SCI-Expanded)
- LXXIX. Preparation and characterization of UV-curable epoxy/silica nanocomposite coatings
Isin D., KAYAMAN APOHAN N., Gungor A.
PROGRESS IN ORGANIC COATINGS, vol.65, no.4, pp.477-483, 2009 (SCI-Expanded)
- LXXX. Preparation and characterization of phosphine oxide containing organosilica hybrid coatings by photopolymerization and sol-gel process
KARATAŞ S., Hosgor Z., KAYAMAN APOHAN N., Gungor A.
PROGRESS IN ORGANIC COATINGS, vol.65, no.1, pp.49-55, 2009 (SCI-Expanded)
- LXXXI. Immobilization of alpha-amylase onto cyclic carbonate bearing hybrid material
Turunc O., KAHRAMAN M. V., Akdemir Z. S., KAYAMAN APOHAN N., Gungor A.
FOOD CHEMISTRY, vol.112, no.4, pp.992-997, 2009 (SCI-Expanded)
- LXXXII. Sulfathiazole-based novel UV-cured hydrogel sorbents for mercury removal from aqueous solutions
KÖK YETİMOĞLU E., KAHRAMAN M. V., Bayramoglu G., Ercan O., KAYAMAN APOHAN N.
RADIATION PHYSICS AND CHEMISTRY, vol.78, no.2, pp.92-97, 2009 (SCI-Expanded)
- LXXXIII. FUMARATED POLY ETHER-ESTER HYDROGELS THAT SUPPORT OSTEOBLAST VIABILITY, ATTACHMENT AND PROLIFERATION
Kuruca S. E., Akdemir S., KAYAMAN APOHAN N., Kahraman V., Akgun K. D., Gungor A., Cetin B. M., Karadenizli S.
JOURNAL OF PHYSIOLOGICAL SCIENCES, vol.59, pp.440, 2009 (SCI-Expanded)
- LXXXIV. Preparation and characterization of light curable hybrid coating: Its potential application for dental restorative material
Guengoer A., KAYAMAN APOHAN N., Mert A., KAHRAMAN M. V.
JOURNAL OF POLYMER RESEARCH, vol.15, no.5, pp.389-395, 2008 (SCI-Expanded)
- LXXXV. Photopolymerized injectable RGD-modified fumarated poly(ethylene glycol) diglycidyl ether hydrogels for cell growth
Akdemir Z. S., Akcakaya H., KAHRAMAN M. V., Ceyhan T., KAYAMAN APOHAN N., Gungor A.
MACROMOLECULAR BIOSCIENCE, vol.8, no.9, pp.852-862, 2008 (SCI-Expanded)
- LXXXVI. Nonisocyanate based polyurethane/silica nanocomposites and their coating performance
Tueruenc O., KAYAMAN APOHAN N., KAHRAMAN M. V., Menceloglu Y., Guengoer A.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.47, no.3, pp.290-299, 2008 (SCI-Expanded)
- LXXXVII. Analysis of degradation failure of poly L-lactic acid fixators used in meniscus tears
Ceyhan T., Asik M., Atalar A. C., KAYAMAN APOHAN N.
ACTA ORTHOPAEDICA ET TRAUMATOLOGICA TURCICA, vol.42, no.4, pp.284-288, 2008 (SCI-Expanded)
- LXXXVIII. Preparation, characterization, and drug release properties of poly(2-hydroxyethyl methacrylate) hydrogels having beta-cyclodextrin functionality

- DEMİR S., KAHRAMAN M. V., Bora N., KAYAMAN APOHAN N., OGAN A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.109, no.2, pp.1360-1368, 2008 (SCI-Expanded)
- LXXXIX. **Phosphorus-containing sulfonated polyimides for proton exchange membranes**
Cakir M., Karataş S., Menceloglu Y., Kayaman Apohan N., Guengoer A.
MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.209, pp.919-929, 2008 (SCI-Expanded)
- XC. **In situ formed silica nanofiber reinforced UV-curable phenylphosphine oxide containing coatings**
KAYAMAN APOHAN N., KARATAŞ S., Bilen B., Guengoer A.
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.46, no.1, pp.87-97, 2008 (SCI-Expanded)
- XCI. **Intrinsic factor and vitamin B12 complex-loaded poly[lactic-co-(glycolic acid)] microspheres: preparation, characterization and drug release**
DEMİR S., OGAN A., KAYAMAN APOHAN N.
POLYMER INTERNATIONAL, vol.57, no.2, pp.372-377, 2008 (SCI-Expanded)
- XCII. **Investigation of swelling, drug release and diffusion behaviors of poly(N-isopropylacrylamide)/poly(N-vinylpyrrolidone) full-IPN hydrogels**
Akdemir Z. S., Kayaman-Apohan N.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.18, no.11, pp.932-939, 2007 (SCI-Expanded)
- XCIII. **Preparation and characterization of sol-gel derived UV-curable organo-silica-titania hybrid coatings**
Karata S., Kizilkaya C., Kayaman-Apohan N., Guengoer A.
PROGRESS IN ORGANIC COATINGS, vol.60, no.2, pp.140-147, 2007 (SCI-Expanded)
- XCIV. **Synthesis of a novel bifunctional photoinitiator: Hybrid coatings on polycarbonate**
Kahraman M. V., Kayaman-Apohan N., Akdemir Z. S., Boztoprak Y., Guengoer A.
MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.208, no.14, pp.1572-1581, 2007 (SCI-Expanded)
- XCV. **Photocurable RGD-attached fumaric acid modified PEG-diglycidyl ether hydrogels for cell growth**
Akdemir Z. S., Apohan N., Kahraman M. V., Gungor A., Akcakaya H., Ceyhan T.
DRUGS OF THE FUTURE, vol.32, pp.73, 2007 (SCI-Expanded)
- XCVI. **N-vinylpyrrolidone/acrylic acid/2-acrylamido-2-methylpropane sulfonic acid based hydrogels: Synthesis, characterization and their application in the removal of heavy metals**
Yetimoglu E., Kahraman M. V., Ercan O., Akdemir Z. S., Apohan N.
REACTIVE & FUNCTIONAL POLYMERS, vol.67, no.5, pp.451-460, 2007 (SCI-Expanded)
- XCVII. **The coating performance of adipic acid modified and methacrylated bisphenol - A based epoxy oligomers**
Bayramoglu G., Kahraman M. V., Kayaman-Apohan N., Guengoer A.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.18, no.3, pp.173-179, 2007 (SCI-Expanded)
- XCVIII. **UV-curable methacrylated/fumaric acid modified epoxy as a potential support for enzyme immobilization**
Kahraman M. V., Bayramoglu G., Kayaman-Apohan N., Gungor A.
REACTIVE & FUNCTIONAL POLYMERS, vol.67, no.2, pp.97-103, 2007 (SCI-Expanded)
- XCIX. **alpha-Amylase immobilization on functionalized glass beads by covalent attachment**
Kahraman M. V., Bayramoglu G., Kayaman-Apohan N., Gungor A.
FOOD CHEMISTRY, vol.104, no.4, pp.1385-1392, 2007 (SCI-Expanded)
- C. **Synthesis and characterization UV-curable organic-inorganic of flame retarding hybrid coatings**
Karatas S., Hosgor Z., Menceloglu Y., Kayaman-Apohan N., Gungor A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.102, no.2, pp.1906-1914, 2006 (SCI-Expanded)
- CI. **Synthesis and characterization of UV-curable dual hybrid oligomers based on epoxy acrylate containing pendant alkoxy silane groups**
Bayramoglu G., Kahraman M. V., Kayaman-Apohan N., Gungor A.
PROGRESS IN ORGANIC COATINGS, vol.57, no.1, pp.50-55, 2006 (SCI-Expanded)
- CII. **The novel use of organo alkoxy silane for the synthesis of organic-inorganic hybrid coatings**
Kahraman M. V., Kugu M., Menceloglu Y., Kayaman-Apohan N., Gungor A.
JOURNAL OF NON-CRYSTALLINE SOLIDS, vol.352, pp.2143-2151, 2006 (SCI-Expanded)
- CIII. **Soybean oil based resin: A new tool for improved immobilization of alpha-amylase**

- Kahraman M. V., Kayaman-Apohan N., Ogan A., Gungor A.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.100, no.6, pp.4757-4761, 2006 (SCI-Expanded)
- CIV. **Synthesis and characterization of poly(L-lactic acid-co-ethylene oxide-co-aspartic acid) and its interaction with cells**
Karal-Yilmaz O., Kayaman-Apohan N., Misirli Z., Baysal K., Baysal B.
JOURNAL OF MATERIALS SCIENCE-MATERIALS IN MEDICINE, vol.17, no.3, pp.213-227, 2006 (SCI-Expanded)
- CV. **Synthesis and characterization of pendant carboxylic acid functional poly(lactic acid) and poly(lactic acid-co-glycolic acid) and their drug release behaviors**
Kayaman-Apohan N., Akdemir Z.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.16, pp.807-812, 2005 (SCI-Expanded)
- CVI. **Preparation, characterization, and drug-release properties of poly(N-isopropylacrylamide) Microspheres having poly(itaconic acid) graft chains**
Tasdelen B., Kayaman-Apohan N., Misirli Z., Guven O., Baysal B.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.97, no.3, pp.1115-1124, 2005 (SCI-Expanded)
- CVII. **UV-curable interpenetrating polymer networks based on acrylate/vinylether functionalized urethane oligomers**
Kayaman-Apohan N., Demirci R., Cakir M., Gungor A.
RADIATION PHYSICS AND CHEMISTRY, vol.73, no.5, pp.254-262, 2005 (SCI-Expanded)
- CVIII. **Anticancer drug release from poly(N-isopropylacrylamide/itaconic acid) copolymeric hydrogels**
Tasdelen B., Kayaman-Apohan N., Guven O., Baysal B.
RADIATION PHYSICS AND CHEMISTRY, vol.73, no.6, pp.340-345, 2005 (SCI-Expanded)
- CIX. **Synthesis of an ABA triblock copolymer of poly(DL-lactide) and poly(ethylene glycol) and blends with poly(epsilon-caprolactone) as a promising material for biomedical application**
Porjazoska A., Yilmaz O., Kayaman-Apohan N., Baysal K., Cvetkovska M., Baysal B.
NEW POLYMERIC MATERIALS, vol.916, pp.119-135, 2005 (SCI-Expanded)
- CX. **Flame retardance of epoxy acrylate resin modified with phosphorus containing compounds**
Kahraman M. V., Kayaman-Apohan N., Arsu N., Gungor A.
PROGRESS IN ORGANIC COATINGS, vol.51, no.3, pp.213-219, 2004 (SCI-Expanded)
- CXI. **Biocompatible polymer blends of poly(D,L-lactic acid-co-glycolic acid) and triblock PCL-PDMS-PCL copolymers: Their characterizations and degradations**
Porjazoska A., Karal-Yilmaz O., Kayaman-Apohana N., Cvetkovska M., Baysal B.
CROATICA CHEMICA ACTA, vol.77, no.4, pp.545-551, 2004 (SCI-Expanded)
- CXII. **Investigation of drug release from thermo- and pH-sensitive poly(N-isopropylacrylamide/itaconic acid) copolymeric hydrogels**
Tasdelen B., Kayaman-Apohan N., Guven O., Baysal B.
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.15, no.9, pp.528-532, 2004 (SCI-Expanded)
- CXIII. **Preparation of poly (N-isopropylacrylamide/itaconic acid) copolymeric hydrogels and their drug release behavior**
Tasdelen B., Kayaman-Apohan N., Guven O., Baysal B.
INTERNATIONAL JOURNAL OF PHARMACEUTICS, vol.278, no.2, pp.343-351, 2004 (SCI-Expanded)
- CXIV. **pH-thermoreversible hydrogels. I. Synthesis and characterization of poly(N-isopropylacrylamide/maleic acid) copolymeric hydrogels**
Tasdelen B., Kayaman-Apohan N., Guven O., Baysal B.
RADIATION PHYSICS AND CHEMISTRY, vol.69, no.4, pp.303-310, 2004 (SCI-Expanded)
- CXV. **Swelling and diffusion studies of poly(N-isopropylacrylamide/itaconic acid) copolymeric hydrogels in water and aqueous solutions of drugs**
Tasdelen B., Kayaman-Apohan N., Guven O., Baysal B.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.91, no.2, pp.911-915, 2004 (SCI-Expanded)
- CXVI. **Synthesis and characterization of UV-curable vinyl ether functionalized urethane oligomers**
Kayaman-Apohan N., Amanoel A., Arsu N., Gungor A.
PROGRESS IN ORGANIC COATINGS, vol.49, no.1, pp.23-32, 2004 (SCI-Expanded)

- CXVII. **Synthesis and characterization of glycolide, L-lactide, and PDMS-based terpolymers as a support for cell cultures**
Porjazoska A., Kayaman-Apohan N., Karal-Yilmaz O., Cvetkovska M., Baysal K., Baysal B.
JOURNAL OF BIOMATERIALS SCIENCE-POLYMER EDITION, vol.13, no.10, pp.1119-1134, 2002 (SCI-Expanded)
- CXVIII. **Dynamic light scattering studies of poly(methyl methacrylate)polystyrene copolymers in their theta solvents**
Karal-Yilmaz O., Gurel E., Kayaman-Apohan N., Baysal B., Karasz F.
POLYMER, vol.42, no.23, pp.9433-9440, 2001 (SCI-Expanded)
- CXIX. **Semi-interpenetrating hydrogel networks of poly(2-hydroxyethyl methacrylate) with poly[(D,L-lactic acid)-co-(epsilon-caprolactam)]**
Kayaman-Apohan N., Baysal B.
MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.202, no.7, pp.1182-1188, 2001 (SCI-Expanded)
- CXX. **Poly(DL-lactic acid)/triblock PCL-PDMS-PCL copolymers: synthesis, characterization and demonstration of their cell growth effects in vitro**
Kayaman-Apohan N., Karal-Yilmaz O., Baysal K., Baysal B.
POLYMER, vol.42, no.9, pp.4109-4116, 2001 (SCI-Expanded)
- CXXI. **Coil to globule transition behaviour of poly(methyl methacrylate) in isoamyl acetate**
Kayaman N., Gurel E., Baysal B., Karasz F.
POLYMER, vol.41, no.4, pp.1461-1468, 2000 (SCI-Expanded)
- CXXII. **Kinetics of coil-globule collapse in poly(methyl methacrylate) in dilute solutions below Theta temperatures**
Kayaman N., Gurel E., Baysal B., Karasz F.
MACROMOLECULES, vol.32, no.25, pp.8399-8403, 1999 (SCI-Expanded)
- CXXIII. **Dynamic light scattering studies of atactic and syndiotactic poly(methyl methacrylate)s in dilute theta solution**
Gurel E., Kayaman N., Baysal B., Karasz F.
JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS, vol.37, no.16, pp.2253-2260, 1999 (SCI-Expanded)
- CXXIV. **Interpenetrating hydrogel networks based on polyacrylamide and poly(itaconic acid): synthesis and characterization**
Kayaman N., Hamurcu E., Uyanik N., Baysal B.
MACROMOLECULAR CHEMISTRY AND PHYSICS, vol.200, no.1, pp.231-238, 1999 (SCI-Expanded)
- CXXV. **Coil-globule transition of poly(methyl methacrylate) by intrinsic viscosity**
Baysal B., Kayaman N.
JOURNAL OF CHEMICAL PHYSICS, vol.109, no.19, pp.8701-8707, 1998 (SCI-Expanded)
- CXXVI. **Swelling of polyacrylamide gels in polyacrylamide solutions**
Kayaman N., Okay O., Baysal B.
JOURNAL OF POLYMER SCIENCE PART B-POLYMER PHYSICS, vol.36, no.8, pp.1313-1320, 1998 (SCI-Expanded)
- CXXVII. **Structure and protein separation efficiency of poly(N-isopropylacrylamide) gels: Effect of synthesis conditions**
Kayaman N., Kazan D., Erarslan A., Okay O., Baysal B.
JOURNAL OF APPLIED POLYMER SCIENCE, vol.67, no.5, pp.805-814, 1998 (SCI-Expanded)
- CXXVIII. **Phase transition of hydrolyzed polyacrylamide gels in aqueous solutions of poly(ethylene glycol)**
Kayaman N., Okay O., Baysal B.
TURKISH JOURNAL OF CHEMISTRY, vol.21, no.4, pp.346-352, 1997 (SCI-Expanded)
- CXXIX. **Phase transition of polyacrylamide gels in PEG solutions**
Kayaman N., Okay O., Baysal B.
POLYMER GELS AND NETWORKS, vol.5, no.2, pp.167-184, 1997 (SCI-Expanded)
- CXXX. **Swelling of polyacrylamide gels in aqueous solutions of ethylene glycol oligomers**
Kayaman N., Okay O., Baysal B.
POLYMER GELS AND NETWORKS, vol.5, no.4, pp.339-356, 1997 (SCI-Expanded)
- CXXXI. **PHOTOREACTIVATED FREE-RADICAL POLYMERIZATION USING PYRIDINIUM SALTS**

Articles Published in Other Journals

- I. Bioactivated poly (vinyl alcohol) /poly(acrylic acid) based nanofiber for high-performance membrane techniques
Akbay T., Kahraman M. V., Oktay B., Kayaman Apohan N.
Letters in Applied NanoBioScience, vol.9, no.1, pp.819-823, 2020 (Peer-Reviewed Journal)
- II. Multi-Walled Carbon Nanotube Reinforced Polyimide Composites
OKTAY B., Türker S., KARATAŞ S., KAYAMAN APOHAN N.
Journal of the Turkish Chemical Society, Section A: Chemistry, pp.283-294, 2018 (Scopus)
- III. Modifiye Edilmiş Doğal Ürünlerle Elde Edilen Sol-Jel Kaplamalar (2) - Flor İçeren Akrillenmiş Soya Oligomerinin Sentezi Ve Elde Edilen Kaplama Formülasyonu İle Kaplanan Polikarbonatların Mekanik Özellikleri
BOZTOPRAK Y., GÜNGÖR A., KAHRAMAN M. V., KAYAMAN APOHAN N., BAYRAMOĞLU G.
PAGEV Plastik Araştırma, Geliştirme ve İnceleme Dergisi, no.140, pp.182-187, 2017 (Peer-Reviewed Journal)
- IV. Modifiye Edilmiş Doğal Ürünlerle Elde Edilen Sol-Jel Kaplamalar (1) - Flor İçeren Akrillenmiş Soya Oligomerinin Sentezi Ve Elde Edilen Kaplama Formülasyonu İle Kaplanan Polikarbonatların Fiziksel ve Kimyasal Özellikleri
BOZTOPRAK Y., GÜNGÖR A., KAHRAMAN M. V., KAYAMAN APOHAN N., BAYRAMOĞLU G.
PAGEV Plastik Araştırma, Geliştirme ve İnceleme Dergisi, no.135, pp.244-251, 2016 (Peer-Reviewed Journal)
- V. Magnetite nanoparticle polymer composites for prolonged and controlled drug release
OKTAY B., DEMİR S., KAYAMAN APOHAN N.
PLASTICS RESEARCH ONLINE, 2016 (Peer-Reviewed Journal)
- VI. Katyonik Fotopolimerizasyon ile Hazırlanan Epoksi Silika Nanokompozit Kaplamalar
ÇAKMAKÇI E., KAYAMAN APOHAN N.
Boyatürk, 2010 (Non Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. Tefln® Alternatif Sol-Jel Esaslı Kaplamaların Hazırlanması ve Yüzey Özelliklerinin Belirlenmesi
Uğur M. H., KAYAMAN APOHAN N., ÇAKMAKÇI E., Güngör A.
30. Ulusal Kimya Kongresi, Cyprus (Kktc), 5 - 08 November 2018
- II. Gıda Ambalajlarında Migrasyonun LC-Ms ile Belirlenmesi
Arman Kandırmaz E., Kayaman Apohan N., Gençoğlu E. N.
30. ulusal kimya kongresi, Gazimagusa, Cyprus (Kktc), 5 - 08 November 2018, pp.70
- III. Development of Molecular Imprinting Technology and The Effective Use of Molecular Imprinted Polymers
ALKANLI S. S., DAL F., YAŞAR M., GÜVEN C., KAYAMAN APOHAN N., KAHRAMAN M. V., ORAL ONCÜL M., AKÇAKAYA H.
International Congress on Biological and Medical Sciences 2018, 31 October - 03 November 2018, pp.37-44
- IV. D Vitamini Kapsülasyonunda kullanılan Poli(vinil alkol)-(oleik asit) sentezi ve karakterizasyonu
Arman Kandırmaz E., Birtane H., Çiğil A. B., Kayaman Apohan N.
Uluslararası Katılımlı VII. Polimer Bilim ve Teknoloji Kongres, Eskişehir, Turkey, 9 - 12 September 2018, pp.28
- V. D vitaminini Kapsülasyonunda Kullanılan Poli(vinil alkol)-(oleik asit) Sentezi ve Karakterizasyonu
ARMAN KANDIRMAZ E., BİRTANE H., BEYLER ÇİĞİL A., KAYAMAN APOHAN N.
7. Uluslararası Katılımlı Polimer Bilim ve Teknoloji Kongresi, Eskişehir, Turkey, 9 - 12 September 2018
- VI. Starch-Based Biocomposite Nanofibers

- OKTAY B., Baştürk E., KAHRAMAN M. V., KAYAMAN APOHAN N.
1st International Symposium on Light Alloys and Composite Materials, 22 - 24 March 2018
- VII. **The Preparation of Fluorine and Graphene Oxide Containing Hydrophobic Nanocomposite Coatings**
KAYAMAN APOHAN N., Akhan S., OKTAY B., MADAKBAŞ S.
4th International Conference on New Trends in Chemistry, 11 - 13 May 2018
- VIII. **POLY(METHACRYLOYLOXY ETHYL PHOSPHATE) GRAFTEDPVDF POLYMER ELECTROLYTE MEMBRANES VIA SURFACEINITIATED ATRP**
KAYAMAN APOHAN N., OKTAY B., Uğur M. H.
4th International Conference on New Trends in Chemistry, 11 - 13 May 2018
- IX. **The Preparation of Fluorine and Graphane Oxide Containing Hydrophobic Nanocomposite Coatings**
KAYAMAN APOHAN N., AKHAN S., OKTAY B., MADAKBAŞ S.
4th International Conference on New Trends in Chemistry, St.Petersburg, Russia, 11 - 13 May 2018
- X. **BİYOPOLİMER ESASLI KRİYOJEL DOKU İSKELELERİ**
OKTAY B., Kutlusoy T., KAYAMAN APOHAN N., SÜLEYMANOĞLU M., KURUCA D. S.
Ist International Symposium on Innovative Approaches in Scientific Studies, 11 April - 13 August 2018
- XI. **Antikor üretiminde yeni yaklaşımlar: Difteri toksinine karşı plastik antikor geliştirilmesi**
DAL F., Yaşar M., Alkanlı S. S., KAYAMAN APOHAN N., AKTAŞ Z., KAHRAMAN M. V., GÜVEN C., ÖNCÜL M. O., AKÇAKAYA H.
XIX. Türk Klinik Mikrobiyoloji ve İnfeksiyon Hastalıkları Kongresi, 28 - 31 March 2018
- XII. **Preparation of Core-Shell Type Polyacrylate/Hydroxyapatite Drug Carriers by Controlled Polymerization**
Kayaman Apohan N., Koçal G., Oktay B.
uluslararası 6. ilaç kimyası kongresi, Antalya, Turkey, 22 - 25 March 2018, pp.54
- XIII. **Moleküler baskılama ile tanıma sistemlerine yeni yaklaşımlar**
Yaşar M., DAL F., Alkanlı S. S., KAYAMAN APOHAN N., AKTAŞ Z., KAHRAMAN M. V., GÜVEN C., ÖNCÜL M. O., AKÇAKAYA H.
6. İlaç Kimyası: İlaç Etkin Maddesi Tasarımı, Sentezi, Üretimi ve Standardizasyonu Kongresi, Turkey, 22 - 25 March 2018
- XIV. **Preparation of High Performance Polyimide Nanofiber Reinforced Nanocomposite Electrolytes For Lithium Ion Batteries**
AYTAN E., KAYAMAN APOHAN N., UĞUR M.,
East west chemistry conference, 12 - 14 October 2017
- XV. **PREPARATION of NAPHTHALENE-BASED POLYIMIDE ELECTROLYTES for LITHIUM-ION BATTERY APPLICATIONS**
KAYAMAN APOHAN N., TOKER ÖZTÜRK D., UĞUR M., GÜNGÖR A.
East West Chemistry Conference, 12 - 14 October 2017
- XVI. **Preparation Of Polyethersulfone/ Poly(Trimethoxysilyl)Propyl Methacrylate) Composites**
OKTAY B., BAŞTÜRK E., KAHRAMAN M. V., KAYAMAN APOHAN N.
East West chemistry Conference, 12 - 14 October 2017
- XVII. **Moleküler baskılama yöntemiyle difteri toksinine karşı geliştirilen plastik antikorun etkinliğinin belirlenmesi**
Alkanlı S. S., Yaşar M., GÜVEN C., DAL F., KAYAMAN APOHAN N., KAHRAMAN M. V., AKTAŞ Z., AKÇAKAYA H.
28-29. Ulusal Biyofizik Kongresi, Turkey, 6 - 09 September 2017
- XVIII. **Tissue Engineering Studies of Chitosan-co-hyaluronic Acid Porous Cryogels**
OKTAY B., Kutlusoy T., KAYAMAN APOHAN N., Süleymanoğlu M., KURUCA D. S.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
- XIX. **MAGNETIC FIELD SENSITIVE BIOPOLYMER HYDROGELS IN CONTROLLED DRUG DELIVERY SYSTEMS**
OKTAY B., DEMİR S., KAYAMAN APOHAN N.
IVEK 3rd International Convention of Pharmaceuticals and Pharmacies, 26 - 29 April 2017
- XX. **Poli glisidil metakrilat Aşılanmış Nanolif Esaslı Malzemelerin Hazırlanması ve Karakterizasyonu**
OKTAY B., KAYAMAN APOHAN N.

- 3.Uluslararası Organik Kimya Kongresi, Turkey, 5 - 08 September 2016
- XXI. Preparation and characterization of chitosan co hyaluronic acid cryogels
Tuğçe K., KAYAMAN APOHAN N.
International Conference and Exhibition on Materials Chemistry, Spain, 31 March - 01 April 2016
- XXII. Molecularly imprinted polymeric nanoparticle Preparation and characterization
YAŞAR M., KAYAMAN APOHAN N., KAHRAMAN M. V., AKÇAKAYA H.
International Conference and Exhibition on Materials Chemistry, Valencia, Spain, 31 March - 01 April 2016
- XXIII. YENİ TİP TİYOKSANTON İÇERİKLİ MAKRO FOTOBAŞLATICILARIN KULLANILDIĞI FLEKSİ
VERNİKLERDE MİGRASYON DAVRANIŞININ İNCELENMESİ
ARMAN KANDIRMAZ E., KAYAMAN APOHAN N., GENÇOĞLU E. N.
1. Uluslararası Basım Teknolojileri Sempozyumu, 8 - 10 October 2015
- XXIV. Preparation of Well Defined Chitosan Nanofibers by Atom Transfer Radical Polymerization
KAYAMAN APOHAN N., OKTAY B., KURUCA D. S.
Proceedings of the World Congress on Mechanical, Chemical, and Material Engineering (MCM 2015), Barcelona, 20 - 21 July 2015
- XXV. Preparation of Well Defined Chitosan Nanofibers by Atom Transfer Radical
KAYAMAN APOHAN N., OKTAY B., Erdem Kuruca S.
International Conference on Chemical and Polymer Engineering, 21 July 2015
- XXVI. Doku Mühendisliğinde Kullanılan Nanofiber Yapı İşkeleleri
KAYAMAN APOHAN N.
4. Miyomedikal Mühendisliği Öğrenci Sempozyumu Namık Kemal Üniv., Turkey, 25 - 27 March 2015
- XXVII. Removal of fluoxetine from milk by using immunosorbent featured surface
TUNALI AKBAY T., KAHRAMAN M. V., KAYAMAN APOHAN N., OKTAY B., İPEKÇİ H.
4th International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-4). 18-21 September 2014 Istanbul, Turkey., 18 - 21 September 2014
- XXVIII. Immunosorbent surface removes cotinine from milk
TUNALI AKBAY T., KAHRAMAN M. V., KAYAMAN APOHAN N., İPEKÇİ H., OKTAY B.
4th International Meeting on Pharmacy & Pharmaceutical Sciences (IMPPS-4). 18-21 September 2014 Istanbul, Turkey, 18 - 21 September 2014
- XXIX. Fabrication of nanofiber mats from electrospinning of functionalized polymers
Oktay B., KAYAMAN APOHAN N., Erdem-Kuruca S.
2nd International Conference on Structural Nano Composites (NANOSTRU), Madrid, Spain, 20 - 21 May 2014, vol.64
- XXX. Magnetic Nanoparticle Included Biodegradable Smart Hydrogels
Biçer T., ÇAKMAKÇI E., DEMİR S., KAYAMAN APOHAN N.
IUPAC 44th World Chemistry Congress, 11 - 16 August 2013
- XXXI. Poly (alpha-Hydroxy Ester-Urethane) Based Electrospun Biomaterials for Tissue Engineering
KAYAMAN APOHAN N., ÇAKMAKÇI E., Cicek C., KAHRAMAN M. V., Arslan M., Kuruca S. E.
11th International Conference on Chemical and Process Engineering (ICheAP), Milan, Italy, 2 - 05 June 2013, vol.32, pp.1087-1092
- XXXII. Synthesis and Characterization of Novel Polyimides Based on 2,6-bis(m-Amino Phenoxy) Benzoyl Naphthalene
Ozturk R. D. T., KAYAMAN APOHAN N., Gungor A.
11th International Conference on Chemical and Process Engineering (ICheAP), Milan, Italy, 2 - 05 June 2013, vol.32, pp.1681-1686
- XXXIII. Synthesis of new sulfur containing chain extender and its application in polyurethane elastomers
ALTINTAŞ Z., KAHRAMAN M. V., KAYAMAN APOHAN N.
Paint İstanbul 2012, 13 - 15 September 2012
- XXXIV. Modified nano silica containing thiol ene systems
OKTAY B., KAYAMAN APOHAN N., KAHRAMAN M. V.
Paint İstanbul 2012., 13 - 15 September 2012

- XXXV. **UV cured thiol ene flame retardant hybrid coatings**
 BAŞTÜRK E., OKTAY B., KAYAMAN APOHAN N., KAHRAMAN M. V.
 Paint İstanbul 2012, 13 - 15 September 2012
- XXXVI. **Thermal and morphological properties of thermoplastic polyurethane SiO₂ nanocomposites**
 ALTINTAŞ Z., KAHRAMAN M. V., KAYAMAN APOHAN N.
 Paint İstanbul 2012, 13 - 15 September 2012
- XXXVII. **Nano silver containing antibacterial hybrid coatings**
 OKTAY B., KAYAMAN APOHAN N.
 7th Nanoscience and Naontechnology Conference, 1 - 04 June 2012
- XXXVIII. **Effects of nano sized titanium dioxide and silica particles on tensile properties of polymethyl methacrylate PMMA denture base materials**
 Kurt A., OKTAY B., KAYAMAN APOHAN N., Işık G.
 8th Nanoscience and Naontechnology Conference, 4 - 05 May 2012
- XXXIX. **Photo curable castor oil based highly hydrophobic coatings**
 MÜLAZİM Y., ÇAKMAKÇI E., KAHRAMAN M. V., KAYAMAN APOHAN N.
 4th Workshop on Fats and Oils as Renewable Feedstock for the Chemical Industry. March 20-22, 2011Karlsruhe, Germany, 20 - 22 March 2011
- XL. **New SPEEK/poly(arylene ether) blend-nanocomposite membranes via sol-gel method**
 Seden M. G., Basturk E., Inan T. Y., Apohan N., Gungor A.
 Euromembrane Conference, London, Canada, 23 - 27 September 2010, vol.44, pp.1840-1841
- XLI. **In vitro Culture of Endothelial and Fibroblast Cells on Photocrosslinked Electrospun Acrylated Cellulose Acetate Butyrate**
 ÇAKMAKÇI E., KAYAMAN APOHAN N., KURUCA D. S., Çetin M. B., KARADENİZLİ S., Dar K. A.
 6th international congress of pathophysiology, 22 - 25 September 2010
- XLII. **UV curable hyperbranched polyester polyol based acrylates I**
 dindar v., KARATAŞ S., KAYAMAN APOHAN N., güngör a.
 International Paint and Auxillary Products Industry Congrees- İstanbul, TURKEY,2010., 14 - 17 September 2010
- XLIII. **Preparation of Si Ti Containing Hybrid Coating by Anhydrous Sol Gel Process**
 ALTINTAŞ Z., KAHRAMAN M. V., KAYAMAN APOHAN N., GÜNGÖR A.
 8th International Paint & Auxiliary products industry congress 2010., 1 - 05 August 2010
- XLIV. **A New Type Branched Biodegradable Photopolymers For Cell Growth**
 BAYRAMOĞLU G., KAYAMAN APOHAN N., KAHRAMAN M. V., ERDEM KURUCA S., GÜNGÖR A.
 43rd IUPAC World Polymer Congress Polymer Science in the Service of Society. Glasgow, UK. 11-16 July-2010., 11 - 16 July 2010
- XLV. **UV ışınlarıyla sertleşebilen süper dallanmış poliesterlerin sentezi ve karakterizasyonu**
 dindar v., KARATAŞ S., KAYAMAN APOHAN N., güngör a.
 XXIV. Ulusal Kimya Kongresi, Zonguldak, 2010., Turkey, 29 June - 02 July 2010
- XLVI. **Preparation of Nano Silver Containg Uv Curable Abrasion And Flame Resistant Nanocomposite Coatings And Investigation of Their Antimicrobial Properties**
 TOKER R. D., KAYAMAN APOHAN N., KAHRAMAN M. V.
 NanoTR6- 2010, İzmir, 15 - 18 June 2010
- XLVII. **Hexagonal Boron Nitride h BN Polyimide Hybrid Films**
 KIZILKAYA C., MÜLAZİM Y., KAHRAMAN M. V., KAYAMAN APOHAN N., GÜNGÖR A.
 NanoTR6- 2010, İzmir., 15 - 18 June 2010
- XLVIII. **The maleimide modified epoxy resins for the preparation of UV curable hybrid coatings**
 altıntaş z., KARATAŞ S., KAYAMAN APOHAN N., güngör a.
 . 6.Nanoscience and nanotechnology conference, zmir Institutue of technolgy, İzmir, 15-18 Haziran 2010., Turkey, 15 - 18 June 2010
- XLIX. **Phosphorus containing novel polyimide silica nanocomposite materials via sol gel technique**
 kızılkaya c., KARATAŞ S., KAYAMAN APOHAN N., güngör a.
 6.Nanoscience and nanotechnology conference, zmir Institutue of technolgy, İzmir, 15-18 Haziran 2010., Turkey, 15

- 18 June 2010
- L. **Phosphine oxide based polyurethane silica nanocomposites via nonisocyanate route**
HOŞGÖR Z., KARATAŞ S., KAYAMAN APOHAN N., MENCELOĞLU Y. Z., güngör a.
6.Nanoscience and nanotechnology conference, zmir Institue of technolgy, İzmir, 15-18 Haziran 2010., Turkey, 15 - 18 June 2010
- LI. **Fumarated Poly Ether Ester Hydrogels that Support Osteoblast Viability Attachment and Proliferation**
ERDEM KURUCA S., AKDEMİR S., KAYAMAN APOHAN N., KAHRAMAN M. V., DAR AKGÜN K., GÜNGÖR A., ÇETİN B. M.
Proceedings of the XXXVI International Congress of Physiological Sciences (IUPS2009) Function of Life: Elements and Integration July 27-August 1, 2009, Kyoto, Japan ., 27 August 2009
- LII. **Florlu Sol Jel Silika İle Kaplanan ABS Plakaların Kaplama Performanslarının İncelenmesi**
KARTAL İ., KAHRAMAN M. V., KAYAMAN APOHAN N., Güngör A.
5. Uluslararası İleri Teknolojiler Sempozyumu, 15 May 2009
- LIII. **Investigation of coating performance of ABS sheets Coated by fluorinated sol gel silica**
KARTAL İ., KAHRAMAN M. V., KAYAMAN APOHAN N., GÜNGÖR A.
5. Uluslararası İleri Teknolojiler Sempozyumu (IATS'09), 13-15 Mayıs 2009, Karabük, Türkiye., 13 - 15 May 2009
- LIV. **Aleve Dayanıklı Fosfin Oksit İçeren Yeni Poliimid Silika Hibrit Kaplama Malzemelerinin Sentezi Ve Karakterizasyonu**
kızılkaya c., KARATAŞ S., KAYAMAN APOHAN N., güngör a.
XXII. Ulusal Kimya Kongresi, KKTC, 6-10 Ekim, 2008., Turkey, 6 - 10 October 2008
- LV. **UV Işınları İle Sertleşebilen Fosfin Oksit Bazlı Reçinelerin Sentezi Karakterizasyonu Ve Sol Jel Kaplamalarda Kullanımı**
KARATAŞ S., HOŞGÖR Z., MENCELOĞLU Y. Z., KAYAMAN APOHAN N., güngör a.
XXII. Ulusal Kimya Kongresi, KKTC, 6-10 Ekim, 2008., Turkey, 6 - 10 October 2008
- LVI. **Maleid İmid Reçinelerin Sentezi Ve Kaplama Uygulamaları**
altuntaş z., KARATAŞ S., KAYAMAN APOHAN N., güngör a.
XXII. Ulusal Kimya Kongresi, KKTC, 6-10 Ekim, 2008., Turkey, 6 - 08 October 2008
- LVII. **Sol jel yöntemi ile fosfin oksit grubu içeren organo silika hibrit kaplama malzemelerinin hazırlanması ve karakterizasyonu**
KARATAŞ S., HOŞGÖR Z., KAYAMAN APOHAN N., güngör a.
XXII. Ulusal Kimya Kongresi, KKTC, 6-10 Ekim, 2008., Turkey, 6 - 10 October 2008
- LVIII. **Nonisocyanate based polyurethane silica nanocomposites and their coating performance**
HOŞGÖR Z., turunç o., KARATAŞ S., KAYAMAN APOHAN N., KAHRAMAN M. V., MENCELOĞLU Y. Z., güngör a.
4.Nanobilim ve Nanoteknoloji Konferansı, İTÜ ,İstanbul 9-13 Haziran 2008., Turkey, 9 - 13 June 2008
- LIX. **Preparation and characterization phosphine oxide containing organosilica hybrid coatings by photopolymerization and sol gel process**
HOŞGÖR Z., KARATAŞ S., KAYAMAN APOHAN N., güngör a.
" 4.Nanobilim ve Nanoteknoloji Konferansı, İTÜ ,İstanbul 9-13 Haziran 2008., Turkey, 9 - 13 June 2008
- LX. **Synthesis and Characterization of UV Curable Sulfonated Hybrid Materials and Their Performance as Proton Exchange Membrane**
GÜRTEKİN M., KAYAMAN APOHAN N., KAHRAMAN M. V., GÜNGÖR A.
5th International Conference on Sol-Gel Materials. 1-5 June 2008, Trzebieszowice, POLAND., 1 - 05 June 2008
- LXI. **Flor İçeren Akrillenmiş Soya Oligomerinin Sentezi Ve Polikarbonatların Kaplama Performansları Üzerine Etkisi**
BOZTOPRAK Y., BAYRAMOĞLU G., KAHRAMAN M. V., KAYAMAN APOHAN N., GÜNGÖR A.
7. Uluslararası Boya Ve Yardımcı Maddeler Sanayi Kongresi, İstanbul, Turkey, 11 - 14 April 2008
- LXII. **Preparation and Characterization of Sol gel Derived UV Curable Organo silica Titania Hybrid Coatings**
kızılkaya c., KARATAŞ S., KAYAMAN APOHAN N., güngör a.
VII. International Paint and Auxillary Products Industry Congrees-- 10-12 April, İstanbul, TURKEY,2008., 10 - 12 April 2008

- LXIII. **Morphological Mechanical And Thermal Investigations**
KARATAŞ S., KAYAMAN APOHAN N., güngör a.
VII. International Paint and Auxillary Products Industry Congrees- İstanbul, TURKEY, 2008., 10 - 12 April 2008
- LXIV. **PMSE 486-Cyclic carbonate synthesis from supercritical carbon dioxide and epoxides for the preparation of polyurethane nanocomposites**
Malay O., Gulsen E., KAYAMAN APOHAN N., Gungor A., MENCELOĞLU Y. Z.
235th American-Chemical-Society National Meeting, Louisiana, United States Of America, 6 - 10 April 2008, vol.235
- LXV. **Sol jel teknigiyle kaplanan polikarbonatların fiziksel ozelliklerinin İncelenmesi**
BOZTOPRAK Y., KAHRAMAN M. V., KAYAMAN APOHAN N., GÜNGÖR A.
8th internationalFracture conference , 07 – 09 November 2007, istanbul, Turkey., 7 - 09 November 2007
- LXVI. **alpha Amylase Immobilization on Functionalized Glass Beads by Covalent Attachment**
KAHRAMAN M. V., BAYRAMOĞLU G., KAYAMAN APOHAN N., GÜNGÖR A.
13 th Biomedical Science & Technology Symposium August 26-28, 2007 Istanbul., 26 - 28 August 2007
- LXVII. **Photocurable RGD attached fumaric acid modified PEG diglycidyl ether hydrogels for cell growth**
AKDEMİR Z. S., KAYAMAN APOHAN N., KAHRAMAN M. V., GÜNGÖR A., AKÇAKAYA H., CEYHAN T.
6th AFMC International Medicinal Chemistry Symposium. July 8-11, 2007, Turkey., 8 - 11 July 2007
- LXVIII. **N Kayaman Apohan M V Kahraman S Karataş Yusuf menceloglu Atilla Güngör UV Işınları ile Sertleştirilebilen organik Anorganik Hibrit Kaplamalar**
KAYAMAN APOHAN N., KAHRAMAN M. V., KARATAŞ S., MENCELOĞLU Y. Z., güngör a.
XX. Ulusal Kimya Kongresi -Kayseri (Erciyes Üniversitesi- Fen Edebiyat Fak.) 4-8 Eylül 2006., Turkey, 4 - 08 September 2006
- LXIX. **UV Işınları ile Sertleştirilebilen Hibrit Malzemeleri ile Plexiglassın Yüzey Özelliklerinin İyileştirilmesi**
kızılkaya c., KARATAŞ S., KAYAMAN APOHAN N., güngör a.
XX. Ulusal Kimya Kongresi -Kayseri (Erciyes Üniversitesi- Fen Edebiyat Fak.) 4-8 Eylül 2006., Turkey, 4 - 08 September 2006
- LXX. **Phosphorus Containing Novel Sulfonated Polyimides**
ÇAKIR M., KARATAŞ S., KAYAMAN APOHAN N., MENCELOĞLU Y. Z., GÜNGÖR A.
Polycondensation 2006, 27 - 30 August 2006
- LXXI. **Yüksek Sıcaklıklardaki Membran Uygulamaları İçin Fosfin oksit Bazlı Sülfolanmış Polyimidlerin İncelenmesi**
KARATAŞ S., ÇAKIR M., KAYAMAN APOHAN N., birkan b., MENCELOĞLU Y. Z., GÜNGÖR A.
3. Ulusal Hidrojen Enerji Kongresi, Turkey, 17 - 18 July 2006
- LXXII. **Yüksek Sıcaklıklardaki Membran Uygulamaları İçin Fosfin Oksit Bazlı Sülfolanmış Poliimidlerin İncelenmesi**
KARATAŞ S., ÇAKIR M., KAYAMAN APOHAN N., MENCELOĞLU Y. Z., birkan b., güngör a.
III. Ulusal Hidrojen Enerjisi Kongresi-İstanbul- 17 Temmuz-2006, Turkey, 17 July 2006
- LXXIII. **Preparation and drug release behaviour of monovinyl beta cyclodextrin PEG diacrylate HEMA hydrogels**
BORA N., KAHRAMAN M. V., DEMİR S., KAYAMAN APOHAN N., OGAN A.
31st FEBS Congress Molecules in Health& Disease, 24 - 29 June 2006
- LXXIV. **Synthesis of novel UV curable polychelatogen hydrogels for removal of heavy metal ions**
KÖK YETİMÖĞLU E., KAHRAMAN M. V., ÖZGEN E., Z SEDEN A., KAYAMAN APOHAN N.
International Workshop On Frontiers and Interfaces of Ion Exchange, Antalya-Turkey, 11 - 15 June 2006, 11 - 15 June 2006
- LXXV. **Release of Intrinsic Factor and vitamin B12 from PLGA Microspheres**
DEMİR S., OGAN A., KAYAMAN APOHAN N.
International Symposium on Medicinal Chemistry Research and Development September, 28 September - 01 October 2005, pp.82
- LXXVI. **Release of intinsic factor and vitamin B12 from PLGA microspheres**
DEMİR S., OGAN A., KAYAMAN APOHAN N.
International Symposium on Medicinal Chemistry Research and Development. MCRD 2005, AYDIN-KUŞADASI,

Turkey, 18 - 21 September 2005

- LXXVII. **UV Curable hybrid coatings based on a novel organoalkoxy silane precursor**
KAYAMAN APOHAN N., KARATAŞ S., KAHRAMAN M. V., MENCELOĞLU Y. Z., GÜNGÖR A.
40th IUPAC Congress, Beijing-China, 14-19 August 2005, 14 - 19 August 2005
- LXXVIII. **The immobilization of a amylase onto UV curable soybean resin**
KAHRAMAN M. V., KAYAMAN APOHAN N., OGAN A., GÜNGÖR A.
40 th IUPAC Congress, Pekin, 14 - 19 August 2005, pp.269
- LXXIX. **The immobilization of alpha amylase onto UV Curable Soybean Resin**
KAHRAMAN M. V., KAYAMAN APOHAN N., OGAN A., GÜNGÖR A.
40th IUPAC Congress, Beijing-China, 14-19 August 2005, 14 - 19 August 2005
- LXXX. **Preparation and Drug Release Behaviour Of Cyclodextrin Urethane ethacrylate Monomer Peg Diacrylate Hema Hydrogels**
BORA N., KAHRAMAN M. V., KAYAMAN APOHAN N., OGAN A.
31st FEBS Congress. Molecules in Health & Disease. 2006, İstanbul, Turkey, 23 - 29 June 2005
- LXXXI. **UV Curable Hybrid Materials Containing Phosphine Oxide Prepared By Sol gel Process**
KARATAŞ S., MENCELOĞLU Y. Z., KAYAMAN APOHAN N., Güngör A.
6th Advanced Polymers via Macromolecular Engineering (APME, 15 - 19 August 2005

Supported Projects

Kayaman Apohan N., Dural S., Project Supported by Higher Education Institutions, Poliaspartik Esterler ile Biobazlı Poliürea Kaplamaların Sentezi ve Karakterizasyonu, 2022 - 2024

Kayaman Apohan N., Kazan D., Turan Okulmuş Ş., Project Supported by Higher Education Institutions, Biyobozunur Bakteriyel Selüloz-Hyalüronik Asit Doku İskelerinin Çit-Çit Reaksiyonları ile Sentezi ve Uygulamaları, 2019 - 2022

Kayaman Apohan N., Kazan D., Project Supported by Higher Education Institutions, Biyobozunun HA-PHB taşıyıcı sistemlerin klik reaksiyonları ile sentezi ve doku mühendisliği uygulamaları, 2019 - 2021

Oktay B., Kayaman Apohan N., Project Supported by Higher Education Institutions, İyonik Sıvı Destekli PVDF Polielektrolitlerin Kontrollü Polimerizasyon ile Hazırlanması ve Karakterizasyonu, 2019 - 2020

Kayaman Apohan N., Madakbaş S., Project Supported by Higher Education Institutions, KSYNTHESIS AND CHARACTERİZATION OF SELF-HEALİNG POLYURETHANE NANOCOMPOSİTE COATİNGS, 2018 - 2019

Oktay B., Kayaman Apohan N., Project Supported by Higher Education Institutions, Çekirdek Kabuk Tipi Poliakrilat Hidroksi Apatit İlaç Taşıyıcıların Kontrollü Polimerizasyon ile Sentezi ve Karakterizasyon Çalışmaları, 2017 - 2019

Oktay B., Kayaman Apohan N., Project Supported by Higher Education Institutions, Atom Transfer Radikal Polimerizasyonu ile Yüzey Modifiye Poliviniliden florid (PVDF) Esash Nanoliflerin Lityum İyon Pillerde Elektrolit Olarak Kullanımı, 2017 - 2019

Kahraman M. V., Akçakaya H., KAYAMAN APOHAN N., TUBITAK Project, Moleküler Baskılama Yöntemiyle Difteri Toksinine Karşı Plastik Antikor Geliştirilmesi, 2015 - 2018

Arman Kandırmaz E., Kayaman Apohan N., Gençoğlu E. N., Project Supported by Higher Education Institutions, YENİ POLİMERİK FOTOBALATICILAR KULLANARAK BASILABİLİR DÜŞÜK MİGRASYONLU VERNİK VE LAK ÜRETİMİ, 2014 - 2018

Topcuoğlu H. R., Altinkut Uncuoğlu A., Mertoğlu B., Kayaman Apohan N., Kahraman M. V., Sezer A. D., TUBITAK Project, Marmara Üniversitesi ARDEB Programlarına Yönelik Proje Desteklerinden Faydalanan Potansiyelinin Artırılması, 2014 - 2017

Kahraman M. V., Altinkut Uncuoğlu A., KAYAMAN APOHAN N., BEKİROĞLU F., ÇAKIR M., TUBITAK Project, Marmara Üniversitesi ARDEB Programlarına Yönelik Proje Desteklerinden Faydalanan Potansiyelinin Artırılması, 2014 - 2017
Kayaman Apohan N., Project Supported by Higher Education Institutions, YÜKSEK PERFORMANSLI POLİİMİD NANOFİBERLERİN HAZIRLANMASI VE LİTYUM İYON PİLLERDE ELEKTROLİT OLARAK KULLANIMI, 2015 - 2016

Kayaman Apohan N., Oktay B., Project Supported by Higher Education Institutions, Elektrospin tekniği ile hazırlanan biyopolimer nanoliflerin yüzey modifikasyonları ve uygulamaları, 2013 - 2016

Kayaman Apohan N., Kutlusoy T., Project Supported by Higher Education Institutions, kitosan ko hyaluronik asit

kriyojellerin hazırlanması ve karakterizasyonu, 2013 - 2015
Kayaman Apohan N., Karataş S., Kahraman M. V., Biçen M., Öztürk D., Project Supported by Higher Education Institutions, Poliimid esaslı nanokompozit membranların sentezi ve uygulamaları, 2013 - 2015
Kahraman M. V., Akbay T., KAYAMAN APOHAN N., TUBITAK Project, Anne Sütüne Geçen Bazı İlaçların ve Toksik Maddelerin Uzaklaştırılması, 2012 - 2015
Kayaman Apohan N., Savaş H., Project Supported by Higher Education Institutions, Su bazlı poliüretan akrilikhibrit emülsiyonlarının sentezi ve karakterizasyonu, 2012 - 2014
Kayaman Apohan N., İlgün K., Project Supported by Higher Education Institutions, Karbon nanotüp içeren UV ışınlarıyla kürlenmiş Nanokompozit kaplamalar, 2012 - 2014
Kayaman Apohan N., TUBITAK Project, Organik-İnorganik Hibrit Hidrojellerin Sentezi Ve Karakterizasyonu, 2012 - 2013
Kayaman Apohan N., Güngör A., Yılmaz İnan T., TUBITAK Project, Polyarylene ether based membranes for fuel cell applications, 2010 - 2012
Kahraman M. V., Kayaman Apohan N., Çakmakçı E., Mülazım Y., Project Supported by Higher Education Institutions, Hidrofobik kaplamaların geliştirilmesi ve karakterizasyonu, 2010 - 2012
Kayaman Apohan N., Çakmakçı E., Kahraman M. V., Project Supported by Higher Education Institutions, Biyoparçalanabilir Poli a hidroksi ester üretan esash yapı iskelelerinin geliştirilmesi, 2010 - 2012
Kahraman M. V., Kayaman Apohan N., TUBITAK Project, İzosiyanat İçermeyen Yöntemle Hazırlanmış Poliüretan Silika Nanokompozitler ve Kaplama Performanslarının İncelenmesi, 2006 - 2008
Kahraman M. V., Kayaman Apohan N., TUBITAK Project, Ortopedide kullanım için UV Işınları ile Sertleştirilebilen Enjekte Edilebilir Yeni Polimer Biyomalzemelerin Geliştirilmesi Bir doku mühendisliği çalışması, 2005 - 2008

Metrics

Publication: 220
Citation (WoS): 2795
Citation (Scopus): 2529
H-Index (WoS): 30
H-Index (Scopus): 28

Non Academic Experience

TUBİTAK MAM