

# MEMET VEZİR KAHRAMAN

## PROF.

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### International Researcher IDs

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ScopusID: 6701778878

Yoksis Researcher ID: 34876



## Biography

### Biography

Prof. Dr. Memet Vezir KAHRAMAN graduated from Marmara University Chemistry Department in 1993 with first place. In 1994, he started to work as a research assistant in the Chemistry Department of Marmara University. He has been working as Assistant Professor between 2006-2010, Associate Professor between 2011-2015 and full Professor since 2016 in the same department. Among the ongoing research topics; Thiol-en polymers, Polyurethane systems, polymeric sensors, UV coatings, thermal energy storing systems (PCM), fireproof and flame retardants, UV reactive electrospinning, cyanate esters, paint and resin systems are the main research topics.

He has 2 patents, more than 170 SCI index articles, international book chapters, over 3500 citations and 35 H-index, and over 60 Master and Doctorate theses supervisor. Within the scope of Industry-University collaborations, he is an executive and consultant in projects with external support.

### Turkish-Biography

Prof. Dr. M. Vezir KAHRAMAN, 1993 yılında Marmara Üniversitesi Kimya Bölümünden 1.likle mezun oldu. 1994 yılında Marmara Üniversitesi Kimya Bölümünde araştırma görevlisi olarak göreve başladı. Aynı bölümde 2006-2010 yılları arasında Yardımcı Doçent, 2011-2015 yılları arasında Doçent ve 2016 yılından bu yana Profesör olarak görevine devam etmektedir. Marmara Üniversitesi Kimya bölüm başkan yardımcılığı (2006-2009), Fen Bilimleri Enstitüsü Müdür yardımcılığı (2010-2014) ve Türkiye Kimya Derneği'nde 2012-2021 döneminde Yönetim Kurulu üyeliği görevlerinde bulunmuştur. Devam eden araştırma konuları arasında; Tiol-en polimerleri, Poliüretan sistemler, polimerik sensörler, UV kaplamalar, ısı enerjisi depolayabilen sistemler (PCM), yanmazlık ve alev geciktiriciler, UV reaktif elektrospinning, siyanat esterler, boya ve reçine sistemleri başlıca araştırma konularıdır. 2 patenti, 170 in üzerinde SCI indeks kapsamında makalesi, uluslararası kitapta bölüm, 3500 ün üzerinde atıf ve 35 H-ineksine sahip olup 60 in üzerinde Yüksek lisans ve Doktora tezi yönetmiştir. Sanayi-Üniversite iş birlikleri kapsamında dış destekli projelerde yürütücülük ve Danışmanlık yapmaktadır.

## Learning Knowledge

Doctorate  
1996 - 2001

Marmara University, Institute for Graduate Studies in Pure and Applied Sciences,  
Organik Kimya (Dr), Turkey

Postgraduate  
1994 - 1995

Marmara University, Institute for Graduate Studies in Pure and Applied Sciences,  
Organik Kimya (YI) (Tezli), Turkey

Undergraduate  
1990 - 1993

Marmara University, Faculty of Arts and Sciences, Chemistry, Turkey

## Academic Titles / Tasks

Professor  
2016 - Continues

Marmara University, Faculty of Arts and Sciences, Chemistry

Associate Professor  
2011 - 2016

Marmara University, Faculty of Arts and Sciences, Chemistry

Assistant Professor  
2006 - 2010

Marmara University, Faculty of Arts and Sciences, Chemistry

Research Assistant  
1994 - 2005

Marmara University, Faculty of Arts and Sciences, Chemistry

## Supported Projects

1. Kahraman M. V., Esentürk O., Beyler Çiğil A., TUBİTAK Project, Uv İle Kürlenebilen Tiyoİ-En Esaslı Bnnt/Sio2 Nanoparçacıkları İÇeren Akıllı Kaplamaların Geliştirilmesi, 2024 - 2026
2. Elçiođlu H. K., Kahraman M. V., Çubuk S., Rayaman P., Uyumaz F., Taşkın T., Kiyak Kırmacı H., TUBİTAK Project, Diyabetik Yaralar İÇin Tamamen Biyobazlı Karbon Kuantum Nokta/Nanofiber Esaslı Doku Örtüsü Geliştirilmesi, 2024 - 2026
3. Kahraman M. V., Koyuncu İ., Tanç Kaya B., Keleş Ö., Karahan B. D., Zeytuncu Gökođlu B., TUBİTAK Project, Lityum-İyon Bataryalarda Yüksek Performanslı Seperatör Tasarımı: Modifiye Kil Katkılı Polimide Kompozitlerin Potansiyeli, 2024 - 2026
4. Kahraman M. V., UYUMAZ F., Project Supported by Higher Education Institutions, Poliüretan sektörü için yenilikçi malzemelerin geliştirilmesi ve ticarileşme potansiyelinin ortaya konulması, 2023 - 2026
5. Kahraman M. V., TUBİTAK Project, Sürdürülebilir Döngüsel Ekonomi için Katma Deđerli İleri Nanoteknolojik Malzemeler ve Sistemler-LignoNano, 2022 - 2026
6. Uyumaz F., Kahraman M. V., Project Supported by Higher Education Institutions, Polyurethane Based Flexible Gel Polymer Electrolyte for Lithium-Ion Batteries, 2022 - 2023
7. Öner E., Kahraman M. V., Saraç E. G., Project Supported by Higher Education Institutions, Isıl Düzenleme Özelliđi Gösteren Akıllı Tekstil Ürünlerinin Geliştirilmesi ve Performans Özelliklerinin İncelenmesi, 2018 - 2020
8. Madakbaş S., Kahraman M. V., Şen F., Uzunsoy İ., Project Supported by Higher Education Institutions, Kıyılmış Etlerinin Tazeliliđini İzlemek için Tazelik İndikatörü İÇeren Akıllı Gıda Ambalaj Materyallerinin Geliştirilmesi, 2018 - 2020
9. Çubuk S., Kahraman M. V., Kök Yetimođlu E., Project Supported by Higher Education Institutions, Organofosfor Esaslı Pestisitlerin Tayini İÇin Floresans Sensör Geliştirilmesi, 2017 - 2020
10. Kahraman M. V., Project Supported by Higher Education Institutions, Kendi Kendini Onarabilen UV Işınlarıyla Kuruyabilen Kaplamaların Hazırlanması ve Performans Özelliklerinin İncelenmesi, 2018 - 2019
11. Kahraman M. V., Çakmakçı E., Project Supported by Higher Education Institutions, İso sorbid Esaslı Işık İle Kuruyabilen Kaplamaların Geliştirilmesi, 2017 - 2019
12. Kök Yetimođlu E., Çubuk S., Kahraman M. V., Project Supported by Higher Education Institutions, Arsenik (III) Tayini İÇin Polimer Esaslı Floresans Sensör Geliştirilmesi, 2017 - 2018

13. Kahraman M. V., Kök Yetimođlu E., Çubuk S., TUBITAK Project, Bisfenol A İçin Fluorometrik Sensör, 2015 - 2018
14. Kahraman M. V., Akçakaya H., KAYAMAN APOHAN N., TUBITAK Project, Moleküler Baskılama Yöntemiyle Difteri Toksinine Karşı Plastik Antikor Geliştirilmesi, 2015 - 2018
15. Kahraman M. V., Yarat A., Project Supported by Higher Education Institutions, Biyolojik sıvılarda böbrek fonksiyonlarının izlenmesinde kullanılacak polimer yapıli biyosensor geliştirilmesi, 2014 - 2018
16. Kahraman M. V., Project Supported by Higher Education Institutions, AKRİLAT ESASLI YARI İLETKEN KOMPOZİTLERİN HAZIRLANMASI VE KARAKTERİZASYONU, 2014 - 2018
17. Kahraman M. V., Project Supported by Higher Education Institutions, Isıl Enerji Depolama Kapasitesine Sahip Polimerik Faz Deđişim Malzemelerinin Hazırlanması Ve Karakterizasyonu, 2017 - 2017
18. Kahraman M. V., Altınkut Uncuođlu A., KAYAMAN APOHAN N., BEKİRÖĐLU F., ÇAKIR M., TUBITAK Project, Marmara Üniversitesinin ARDEB Programlarına Yönelik Proje Desteklerinden Faydalanma Potansiyelinin Artırılması, 2014 - 2017
19. Kahraman M. V., Kök Yetimođlu E., Project Supported by Higher Education Institutions, Modifiye silika nano partiküllerle sulu ortamdan ağır metal giderimi, 2012 - 2016
20. Kahraman M. V., Özyazıcı M., Project Supported by Higher Education Institutions, POLİ VİNİL ALKOL HİDROJELLERİNDEN SALIM ÇALIŞMALARININ DEĐERLENDİRİLMESİ, 2012 - 2016
21. Kahraman M. V., Project Supported by Higher Education Institutions, Yüksek Performans Uygulamaları için Siyanat Ester Kompozitlerin Hazırlanması ve Karakterizasyonu, 2014 - 2015
22. Kahraman M. V., Kök Yetimođlu E., Project Supported by Higher Education Institutions, 2 Akrilamido 2 Metilpropan Sulfonik Asit İçeren Hidrojellerde Ağır Metallerin adsorpsiyonu, 2014 - 2015
23. Kahraman M. V., Project Supported by Higher Education Institutions, Polietilenimin Esaslı Nanofiberlerin Hazırlanması ve Karbondioksit Gazı Geçirgenliđinin İncelenmesi, 2013 - 2015
24. Dumludađ F., Madakbaş S., Kahraman M. V., Şen F., Çelik Z., Eminođlu E. M., Project Supported by Higher Education Institutions, UV ışınlarıyla sertleşebilen iletken polimer katkıli hibrid kaplamalar (FEN-B-100713-0325), 2013 - 2015
25. Kahraman M. V., TUBITAK Project, Medikal uygulamalar için radyasyondan koruyucu bor içeren teknik tekstillerin hazırlanması Tubitak 1505 proje No 5120004, 2013 - 2015
26. 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
27. Kahraman M. V., Akbay T., KAYAMAN APOHAN N., TUBITAK Project, Anne Sütüne Geçen Bazı İlaçların ve Toksik Maddelerin Uzaklaştırılması , 2012 - 2015
28. Kahraman M. V., Project Supported by Higher Education Institutions, Bor İçeren Termoplastik Poliüretan Kompozitler, 2012 - 2014
29. Kahraman M. V., Project Supported by Higher Education Institutions, Çapraz Bağlı Tiyofen Esaslı Nanofiberlerin Hazırlanması ve Karakterizasyonu, 2012 - 2013
30. Kahraman M. V., Project Supported by Higher Education Institutions, UV ve Termal Yolla Sertleşebilen Hibrit Siyanat Esterlerin Sentezi ve Karakterizasyon, 2012 - 2013
31. Kahraman M. V., TUBITAK Project, P Penta3mp4 Peg Da Aac Esaslı Tiyol En Hidrojellerinin Hazırlanması ve Karakterizasyonu Altın İyonlarının Adsorpsiyonu TUBİTAK 111T032, 2011 - 2012
32. Kahraman M. V., Kayaman Apohan N., Çakmakçı E., Mülazim Y., Project Supported by Higher Education Institutions, Hidrofobik kaplamaların geliştirilmesi ve karakterizasyonu, 2010 - 2012
33. Kayaman Apohan N., Çakmakçı E., Kahraman M. V., Project Supported by Higher Education Institutions, Biyoparçalanabilir Poli a hidroksi ester üretan esaslı yapı iskelelerinin geliştirilmesi, 2010 - 2012
34. Kahraman M. V., BOREN, Ulusal Bor Araştırma Enstitüsü Projesi, UV Işınlarıyla Sertleşebilen Bor İçeren Hibrit Kaplamalar ULUSAL BOR ARAŞTIRMA ENSTİTÜSÜ BOREN 2009 Ç0210, 2009 - 2011
35. Kahraman M. V., Kayaman Apohan N., TUBITAK Project, İzosiyanat İçermeyen Yöntemle Hazırlanmış Poliüretan Silika Nanokompozitler ve Kaplama Performanslarının İncelenmesi, 2006 - 2008
36. Kahraman M. V., Kayaman Apohan N., TUBITAK Project, Ortopedide kullanım için UV Işınları ile Sertleştirilebilen Enjekte Edilebilir Yeni Polimer Biyomalzemelerin Geliştirilmesi Bir doku mühendisliđi çalışması, 2005 - 2008
37. Kahraman M. V., Yelekçi K., TUBITAK Project, A new synthesis method for L 3 4 dihydroxy phenylalanine by Bakers Yeast, 1994 - 1996

## Awards

1. Kahraman M. V., 2021 TEMEL BİLİMLER -EN ÇOK SCI YAYIN ÖDÜLÜ, Marmara Üniversitesi, October 2022
2. Çakmakçı E., Kahraman M. V., 10. Kimya Arge Proje pazarı-plastik kauçuk kategorisi-3 lük ödülü, İstanbul Kimyevi Maddeler Ve Mamulleri İhracatçı Birlikleri (İkmib), November 2021
3. Kahraman M. V., Proje pazarı-plastik kauçuk kategorisi-2 lik ödülü, İkmib - İstanbul Kimyevi Maddeler Ve Mamulleri İhracatçı Birlikleri , November 2020
4. Kahraman M. V., Patent ödülü, Marmara Üniversitesi Fen Edebiyat Fakültesi , May 2019
5. Kahraman M. V., SÖZEL BİLDİRİ ÖDÜLLERİ BİRİNCİLİK ÖDÜLÜ, Türk Klinik Mikrobiyoloji Ve İnfeksiyon Hastalıkları Derneği, October 2018
6. Kahraman M. V., Fen bilimleri yayın ödülü, Marmara Üniversitesi Fen Ed Fakültesi, May 2018
7. Kahraman M. V., 7.Kimya Arge proje pazarı 3.lük ödülü, İstanbul Kimyevi Maddeler Ve Mamulleri İhracatçıları Birliği (İkmib) Ve Akdeniz Kimyevi Maddeler Ve Mamulleri İhracatçı Birliği (Akmib) Ortaklığı, November 2017
8. Kahraman M. V., Boya-Yapıştırıcılar kategorisi AR-GE Proje pazarı 3. ödülü, İstanbul Kimyevi Maddeler Ve Mamulleri İhracatçıları Birliği (İkmib) Ve Akdeniz Kimyevi Maddeler Ve Mamulleri İhracatçı Birliği (Akmib), May 2011
9. Kahraman M. V., FARMASÖTİK TEKNOLOJİLERİ PROJE ÖDÜLÜ, Novartis, May 2011

## Published journal articles indexed by SCI, SSCI, and AHCI

1. **Development of a reusable polymeric fluorescence sensor based on acryloyl  $\beta$ -cyclodextrin for the determination of aflatoxin B1 in grain products**  
Çubuk S., Taşci N., Kalyoncu S., Yetimoğlu E. K., Kahraman M. V.  
Spectrochimica Acta - Part A: Molecular and Biomolecular Spectroscopy, vol.324, 2025 (SCI-Expanded)
2. **A Novel Fluorescent Chemosensor for Sensitive and Rapid Determination of Pb(II) Ions in Aqueous Environments**  
Çubuk S., Salah N., Nallbani B. G., Yetimoğlu E. K., Kahraman M. V.  
JOURNAL OF FLUORESCENCE, vol.34, no.6, pp.1-10, 2024 (SCI-Expanded)
3. **Photo-Crosslinked Polyurethane—Containing Gel Polymer Electrolytes via Free-Radical Polymerization Method**  
Uyumaz F., Yerkinbekova Y., Kalybekkyzy S., Kahraman M. V.  
POLYMERS, vol.16, no.18, pp.1-15, 2024 (SCI-Expanded)
4. **One-Step Solvent-Free Synthesis of Dimer Diamine-Based Autocatalytic Polyol for the Preparation of Polyurethane Foams**  
Nasuhoglu B., ÇAKMAKÇI E., KAHRAMAN M. V.  
Macromolecular Materials and Engineering, vol.309, no.5, 2024 (SCI-Expanded)
5. **Thiol-Ene Photo Crosslinked PUA-PUMA-Based Flexible Gel Polymer Electrolyte for Lithium-Ion Batteries**  
Uyumaz F., Nurgaziyeva E., Kalybekkyzy S., Kahraman M. V.  
MACROMOLECULAR MATERIALS AND ENGINEERING, vol.2400051, pp.1-9, 2024 (SCI-Expanded)
6. **Facile application of terahertz spectroscopy in UV-coated and phase change material loaded MPS**  
Aytan E., Aytakin Y. S., Aytan T. A., Esenturk O., Kahraman M. V.  
Polymer Bulletin, vol.81, no.3, pp.2447-2464, 2024 (SCI-Expanded)
7. **Development of novel dual functional polyurethane: Antimicrobial and thermal energy storage by phase change material**  
Akbal Aytan T., Aytan E., KAHRAMAN M. V.  
Polymer Engineering and Science, 2024 (SCI-Expanded)
8. **Computational Study on Radical-Mediated Thiol-Epoxy Reactions.**  
Nallbani B. G., Kahraman M. V., Degirmenci I.  
The journal of physical chemistry. A, vol.127, no.39, pp.8050-8058, 2023 (SCI-Expanded)

9. **Novel bio-based phosphorous-containing UV-curable flame-retardant coatings**  
Ozman E., Dizman C., BİRTANE H., KAHRAMAN M. V.  
Journal of Coatings Technology and Research, vol.20, no.4, pp.1257-1268, 2023 (SCI-Expanded)
10. **Thermal and dielectric properties of flexible polyimide nanocomposites with functionalized nanodiamond and silver nanoparticles**  
Birtane H., Cigil A. B., Madakbaş S., Esmer K., Kahraman M. V.  
POLYMER BULLETIN, vol.80, no.5, pp.5353-5371, 2023 (SCI-Expanded)
11. **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)
12. **Fluorimetric Reusable Polymeric Sensor for Hydrogen Sulfide Detection**  
Ünalı A. Ş., Çubuk S., Çiğil A. B., Kahraman M. V.  
JOURNAL OF FLUORESCENCE, vol.33, no.2, pp.1-9, 2023 (SCI-Expanded)
13. **Covalently bonded nanosilver-hydroxyethyl cellulose/polyacrylic acid/sorbitol hybrid matrix: thermal, morphological and antibacterial properties**  
Cigil A. B., Sen F., BİRTANE H., KAHRAMAN M. V.  
POLYMER BULLETIN, vol.79, no.12, pp.11353-11368, 2022 (SCI-Expanded)
14. **Photo-crosslinked lignin/PAN electrospun separator for safe lithium-ion batteries**  
Yerkinbekova Y., Kalybekkyzy S., Tolganbek N., KAHRAMAN M. V., Bakenov Z., Mentbayeva A.  
SCIENTIFIC REPORTS, vol.12, no.1, 2022 (SCI-Expanded)
15. **A novel polymeric fluorescence sensor based on acrylated citric acid for detection of melamine adulteration: Application in milk powder.**  
Taşci N., Çubuk S., Yetimoğlu E. K., Kahraman M. V.  
Food chemistry, vol.394, pp.133525, 2022 (SCI-Expanded)
16. **Developing a thermo-regulative system for nonwoven textiles using microencapsulated organic coconut oil**  
Gozde S. E., Erhan O., Vezir K. M.  
JOURNAL OF INDUSTRIAL TEXTILES, vol.51, no.2\_SUPPL, 2022 (SCI-Expanded)
17. **Statistical optimization and selective uptake of Au(III) from aqueous solution using carbon nanotube-cellulose based adsorbent**  
BİRTANE H., Urucu O., YILDIZ N., Çiğil A. B., KAHRAMAN M. V.  
MATERIALS TODAY COMMUNICATIONS, vol.30, 2022 (SCI-Expanded)
18. **Photo and thermal crosslinked poly(vinyl alcohol)-based nanofiber membrane for flexible gel polymer electrolyte**  
Kassenova N., Kalybekkyzy S., KAHRAMAN M. V., Mentbayeva A., Bakenov Z.  
Journal of Power Sources, vol.520, 2022 (SCI-Expanded)
19. **Quaternary imidazolium-functionalized reactive silica nanoparticles-containing thiol-ene photocured antibacterial hybrid coatings**  
Şen F., Kocatürk E., ÇAKMAKÇI E., KAHRAMAN M. V.  
Reactive and Functional Polymers, vol.170, 2022 (SCI-Expanded)
20. **Autocatalytic reactive flame retardants for rigid polyurethane foams**  
Hamidov M., ÇAKMAKÇI E., KAHRAMAN M. V.  
Materials Chemistry and Physics, vol.267, 2021 (SCI-Expanded)
21. **Cellulose/cysteine based thiol-ene UV cured adsorbent: removal of silver (I) ions from aqueous solution**  
Cigil A. B., AYDIN URUCU O., Birtane H., Kahraman M. V.  
CELLULOSE, vol.28, no.10, pp.6439-6448, 2021 (SCI-Expanded)
22. **Antibacterial UV-photocured acrylic coatings containing quaternary ammonium salt**  
BİRTANE H., Sen F., Bozdağ B., KAHRAMAN M. V.

- POLYMER BULLETIN, vol.78, no.7, pp.3577-3588, 2021 (SCI-Expanded)
23. **Phosphorus Ester Containing Mesoporous Silica as Novel High-Effective Flame Retardant in Polyurethane and Polyester Coatings**  
Aytan E., Aytan T. A., KAHRAMAN M. V.  
CHEMISTRYSELECT, vol.6, no.25, pp.6541-6547, 2021 (SCI-Expanded)
  24. **Transparent and flexible antibacterial photocrosslinked thin films against the S. aureus and E. coli pathogen bacteria**  
Beyler-Çiğil A., BİRTANE H., Şen F., KAHRAMAN M. V.  
Materials Today Communications, vol.27, 2021 (SCI-Expanded)
  25. **A novel polymer based fluorimetric sensor for fast and selective determination of chlorpyrifos**  
Çubuk S., Kök Yetimoğlu E., Çalışkan A., Vezir Kahraman M. V.  
Microchemical Journal, vol.165, 2021 (SCI-Expanded)
  26. **Optimizing the immobilization conditions of beta-galactosidase on UV-cured epoxy-based polymeric film using response surface methodology**  
Beyler-Çiğil A., Danis Ö., Sarsar O., Kahraman M. V., Ogan A., Demir S.  
JOURNAL OF FOOD BIOCHEMISTRY, vol.45, no.4, 2021 (SCI-Expanded)
  27. **Free volume, thermal and morphological properties of photo-crosslinked thiol-Ene/nanodiamond hybrid network**  
Cigil A. B., MADAKBAŞ S., TAV C., YAHŞI U., KAHRAMAN M. V.  
PIGMENT & RESIN TECHNOLOGY, vol.50, no.2, pp.113-120, 2021 (SCI-Expanded)
  28. **Dual microcapsules based epoxy/polyethyleneimine autonomous self-healing system for photo-curable coating**  
Tezel O., Beyler Cigil A., Kahraman M. V.  
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.32, no.2, pp.553-563, 2021 (SCI-Expanded)
  29. **Fabrication of uv-crosslinked flexible solid polymer electrolyte with pdms for li-ion batteries**  
Kalybekkyzy S., Kopzhassar A., KAHRAMAN M. V., Mentbayeva A., Bakenov Z.  
Polymers, vol.23, no.1, pp.1-12, 2021 (SCI-Expanded)
  30. **Encapsulation of trichloroacetic acid and trifluoroacetic acid for autonomous self healing coatings**  
Tezel Ö., Beyler Çiğil A., KAHRAMAN M. V.  
Polymer-Plastics Technology and Materials, vol.59, no.18, pp.2040-2049, 2020 (SCI-Expanded)
  31. **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)
  32. **Hydroxyethyl cellulose-based indicator labels to track freshness of anchovy (Engraulis encrasicolus)**  
Sen F., Uzunsoy I., KAHRAMAN M. V.  
COLOR RESEARCH AND APPLICATION, vol.45, no.5, pp.962-967, 2020 (SCI-Expanded)
  33. **Preparation and antimicrobial properties of LL-37 peptide immobilized lignin/caprolactone polymer film**  
OGAN A., Yuce-Dursun B., Abdullah D., Beyler-Cigil A., KAHRAMAN M. V., ÇAĞLAYAN P., BİRBİR M., MUTLU Ö., GÜLSOY N.  
POLYMERS FOR ADVANCED TECHNOLOGIES, vol.31, no.10, pp.2222-2228, 2020 (SCI-Expanded)
  34. **Selective molecularly imprinted polymer for the analysis of chlorpyrifos in water samples**  
AYDIN URUCU O., Beyler Çiğil A., BİRTANE H., KÖK YETİMOĞLU E., KAHRAMAN M. V.  
Journal of Industrial and Engineering Chemistry, vol.87, pp.145-151, 2020 (SCI-Expanded)
  35. **A New Fluorescent Sensor for Arsenic(III) Determination in Aqueous Media.**  
Çubuk S., Taskan M., Kök Y., Kahraman M. V.  
Analytical sciences : the international journal of the Japan Society for Analytical Chemistry, vol.36, pp.807-811, 2020 (SCI-Expanded)
  36. **Electrospun 3D Structured Carbon Current Collector for Li/S Batteries.**

Kalybekkyzy S., Mentbayeva A., Yerkinbekova Y., Baikalov N., Kahraman M. V., Bakenov Z.  
Nanomaterials (Basel, Switzerland), vol.10, 2020 (SCI-Expanded)

37. **Nanodiamond-containing polyethyleneimine hybrid materials for lead adsorption from aqueous media**  
Çiğil A. B., Urucu O., Kahraman M. V.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.136, no.46, 2019 (SCI-Expanded)
38. **Fabrication and characterization of photocrosslinked phase change materials by using conventional and terahertz spectroscopy techniques**  
AYTAN E., AYTEKİN Y. S., ESENTÜRK O., KAHRAMAN M. V.  
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35. **PREPARATION OF AMINO MODIFIED RECYCLED POLYETHYLENE TEREPHTHALATE NANOFIBERS AND INVESTIGATION OF USAGE IN WASTEWATER FILTRATION**  
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36. **DIELECTRIC PROPERTIES OF POSS/ POLYIMIDE NANOCOMPOSITES**  
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42. **Moleküler baskılanma ile tanıma sistemlerine yeni yaklaşımlar**  
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46. **Preparation and thermal characterization of microencapsulated fatty alcohols as phase change materials with photocrosslinked polymer shell**  
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47. **A Fluorimetric bisphenol-A sensor for food cans**  
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60. **Alüminyum Tayini İçin Polimerik Esaslı Optik Sensör Geliştirilmesi**  
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62. **Arsenik(III) Tayini İçin Polimerik Floresans Sensör Geliştirilmesi**  
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63. **UV-CURABLE MICROENCAPSULATED ORGANIC-INORGANIC HYBRID PHASE CHANGE MATERIALS**  
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75. **KLORPRİFOS ANALİZİ İÇİN POLİMER ESASLI FLUORİMETRİK SENSÖR GELİŞTİRİLMES**  
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85. **Efficiency of a Molecularly Imprinted Polymer for Selective Removal of Chlorpyrifos from Water Samples**  
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89. **Lipaz Enziminin UV Işınlarıyla Sertleşen Sol Jel Hibrit Kaplama Filmlerine Yanıt Yüzey Metodu RSM İle Optimal İmmobilizasyonu**  
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90. **Galaktosidaz Enziminin UV Işınlarıyla Sertleşen Polimerik Matriks Üzerine Yanıt Yüzey Metodu RSM İle Optimal İmmobilizasyonu**  
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8. Uluslararası Kırılma Konferansı, İstanbul, Turkey, 7 - 09 November 2007
192. **UV Işınları Yardımıyla Kaplanan Polikarbonatların Mekanik Özelliklerinin İncelenmesi**  
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193. **Sol jel tekniğiyle kaplanan polikarbonatların fiziksel özelliklerinin İncelenmesi**  
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13 th Biomedical Science & Technology Symposium August 26-28, 2007 Istanbul, 26 - 28 August 2007
196. **Photocurable RGD attached fumaric acid modified PEG diglycidyl ether hydrogels for cell growth**  
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197. **N Kayaman Apohan M V Kahraman S Karataş Yusuf menceloğlu Atilla Güngör UV Işınları İle Sertleştirilebilen organik Anorganik Hibrit Kaplamalar**  
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XX. Ulusal Kimya Kongresi -Kayseri (Erciyes Üniversitesi- Fen Edebiyat Fak.) 4-8 Eylül 2006., Turkey, 4 - 08 September 2006
198. **Preparation and drug release behaviour of monovinyl beta cyclodextrin PEG diacrylate HEMA hydrogels**  
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International Workshop On Frontiers and Interfaces of Ion Exchange, Antalya-Turkey, 11 - 15 June 2006, 11 - 15 June 2006
200. **Pamuk (Gossypium hirsutum L.) Doku Kültüründe Gelişmekte Olan Eksplantlardaki Fenolik Madde Değişimlerine PVP'nin Etkisi**  
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201. **The immobilization of a amylase onto UV curable soybean resin**  
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202. **UV Curable hybrid coatings based on a novel organoalkoxy silane precursor**  
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203. **The immobilization of alpha amylase onto UV Curable Soybean Resin**  
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204. **Preparation and Drug Release Behaviour Of Cyclodextrin Urethane ethacrylate Monomer Peg**

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205. **In vitro Ortamda Çimlendirilen Pamuk (Gossypium hirsutum L.) Bitkisindeki Fenolik Madde Değişimlerine PVP'nin Etkisi**

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XVIII. Ulusal Kimya Kongresi, Kars, Turkey, 6 - 09 July 2004

206. **Modeling of Monoamine Oxidase B inactivation The Role Of Non Bonded Interactions and Stereoelectronic Effects in Enzyme Adducts**

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207. **Modeling of Monoamine Oxidase B Inactivation The Role of None Bonded Iteractions and StereoElectronic Effects in Enzyme Adducts**

ERDEM S., KAHRAMAN M. V., YELEKÇİ K.

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208. **Heteroatom İçeren Heptilamin Türevlerinin Sentezi ve MAO B İnaktivasyonuna Etkileri**

YELEKÇİ K., KAHRAMAN M. V., ERDEM S.

XIV. Ulusal Kimya Kongresi, Turkey, 10 - 15 September 2000

209. **Synthesis and Enzyme Chemistry of Amino Nitrones as Probes of a Single Electron Transfer Mechanism for Monoamin Oxidase**

YELEKÇİ K., KAHRAMAN M. V.

35th IUPAC Congress, İstanbul, 14-19 August 1995, 14 - 19 August 1995

### Academic and Administrative Experience

2022 - Continues	<b>Member of the Senate</b>	Marmara University, Faculty of Sciences
2012 - 2014	<b>Assistant Director of the Institute</b>	Marmara University, Institute for Graduate Studies in Pure and Applied Sciences
2010 - 2013	<b>Assistant Director of the Institute</b>	Marmara University, Institute for Graduate Studies in Pure and Applied Sciences
2006 - 2009	<b>Deputy Head of Department</b>	Marmara University, Faculty of Arts and Sciences, Chemistry

### Advising Theses

Kahraman M. V., AKRİLENMİŞ SELÜLOZ ASETAT BÜTİRATTAN AKRİLİK ESASLI ANTİMİKROBİYAL NANOFİBER MEMBRANLARIN GELİŞTİRİLMESİ, Postgraduate, F.ÇAKMAK(Student), 2024

Kahraman M. V., PBXN-9 ÜRETİM PROSESİNİN GELİŞTİRİLMESİ VE KARAKTERİZASYONU, Postgraduate, E.KARACA(Student), 2024

Kahraman M. V., Değirmenci İ., Tiyol-epoksi tepkimelerinin hesapsal incelenmesi, Doctorate, B.GJERGJIZI(Student), 2024

Kahraman M. V., LİTYUM-İYON PİLLER İÇİN POLİÜRETAN ESASLI ESNEK JEL POLİMER ELEKTROLİT, Postgraduate, F.UYUMAZ(Student), 2023

Kahraman M. V., Biyo-esaslı UV ile kürlenebilen polsyster akrilatlar ve kaplamaları, Postgraduate, C.ARAR(Student), 2023

Kahraman M. V., Biyo bazlı poliüretan köpüklerin hazırlanması ve karakterizasyonu, Postgraduate, B.NASUHOĞLU(Student), 2022



Kahraman M. V., UV ışınlarıyla kuruyabilen buğulanmayan kaplamaların hazırlanması ve performans özelliklerinin incelenmesi, Postgraduate, S.KARABULUT(Student), 2021

Öner E., Kahraman M. V., Isıl Düzenleme Özelliği Gösteren Akıllı Tekstil Ürünlerinin Geliştirilmesi ve Performans Özelliklerinin İncelenmesi, Doctorate, E.Gözde(Student), 2021

Çakmakçı E., Kahraman M. V., Fosfor içeren yanma geciktirici poliüretan köpüklerin geliştirilmesi, Postgraduate, M.HAMIDOV(Student), 2021

Kahraman M. V., POLİAMİD MALZEMENİN MEKANİK YÜZEY GERİLİMİNİ DEĞİŞTİREREK BOYA TUTUCULUĞUNUN ARTIRILMASI, Postgraduate, H.ATAKAN(Student), 2021

Kahraman M. V., ÇOK GÖZENEKLİ (MEZOPOR) YANMA GECİKTİRİCİ MALZEME İÇEREN POLİMERİK KOMPOZİTLERİN GELİŞTİRİLMESİ VE ÖZELLİKLERİNİN İNCELENMESİ, Doctorate, E.AYTAN(Student), 2021

Kahraman M. V., Alev geciktirici polyesterlerin sentezi ve kaplamalarda uygulamaları, Postgraduate, E.OZMAN(Student), 2021

Kahraman M. V., Bakenov Z., Development of polymeric materials for flexible lithium-ion batteries, Doctorate, S.KALYBEKKYZY(Student), 2020

Kahraman M. V., Öner E., Isıl düzenleme özelliği gösteren akıllı tekstil ürünlerinin geliştirilmesi ve performans özelliklerinin incelenmesi, Doctorate, E.GÖZDE(Student), 2020

Kahraman M. V., YENİ POLİİMİD ESASLI NANOKOMPOZİT YAPILARIN HAZIRLANMASI, KARAKTERİZASYONU, TERMAL VE FİZİKSEL ÖZELLİKLERİNİN İNCELENMESİ, Doctorate, H.BİRTANE(Student), 2019

Kahraman M. V., KENDİ KENDİNİ ONARABİLEN UV IŞINLARIYLA KURUYABİLEN KAPLAMALARIN HAZIRLANMASI VE PERFORMANS ÖZELLİKLERİNİN İNCELENMESİ, Postgraduate, Ö.TEZEL(Student), 2019

KAHRAMAN M. V., Kendi kendini onarabilen UV ışınları ile kuruyabilen kaplamaların hazırlanması ve performans özelliklerinin incelenmesi, Postgraduate, Ö.Tezel(Student), 2019

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KAHRAMAN M. V., Isıl enerji depolama kapasitesine sahip UV ışınlarıyla sertleşebilen kompozit yapıların geliştirilmesi, Doctorate, E.BAŞTÜRK(Student), 2018

KAHRAMAN M. V., YALÇIN B., Amino modifiye polietilen tereftalat (PET) nanofiberlerin hazırlanması ve atık su arıtma performanslarının araştırılması, Postgraduate, Y.CAN(Student), 2018

KAHRAMAN M. V., Polielektrolit yapıda antimikrobiyal gıda ambalaj materyallerinin geliştirilmesi, Doctorate, F.ŞEN(Student), 2017

KAHRAMAN M. V., Nanoelmas ve karbon nanotüp parçacıklarının foto-graftlama tekniğiyle modifikasyonu ve kompozitlerinin hazırlanması, Doctorate, A.BEYLER(Student), 2017

KAHRAMAN M. V., Elektrolit ortama dayanımı yüksek akrilik polimerlerin geliştirilmesi, Doctorate, H.YALÇIN(Student), 2016

KAHRAMAN M. V., Ahşap koruyucu boya ve vernik uygulamaları için yangına dayanıklı polyester bağlayıcı sistemlerinin geliştirilmesi, Postgraduate, D.EKER(Student), 2016

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

KAHRAMAN M. V., Hibrit nanofiber membranların hazırlanması, karakterizasyonu ve hücre kültürü uygulamaları, Doctorate, D.YÜKSEL(Student), 2015

KAHRAMAN M. V., B/P/N içeren yanma geciktirici katkıların sentezi ve UV ışınları ile sertleşen hibrit kaplama uygulamaları, Postgraduate, M.OCAKOĞLU(Student), 2015

Madakbaşı S., Kahraman M. V., "Polianilin / Huntit kompozitinin in situ polimerizasyonu ve özelliklerinin incelenmesi", Postgraduate, N.Kanar(Student), 2014

KAHRAMAN M. V., Polietilenimin esaslı nanofiberlerin hazırlanması ve karbon dioksit gazı geçirgenliğinin incelenmesi, Postgraduate, F.BEYPINAR(Student), 2014

KAHRAMAN M. V., Polianilin / Huntit kompozitinin in situ polimerizasyonu ve özelliklerinin incelenmesi, Postgraduate, N.KANAR(Student), 2014

KAHRAMAN M. V., Siyanat ester / bor içeren polimerik kompozitlerin sentezi ve karakterizasyonu, Postgraduate, İ.İLKKAN(Student), 2014

KAHRAMAN M. V., KÖK YETİMOĞLU E., Tiyol-en hidrojenlerinin sentezi: Altın ve gümüş iyonlarının sulu ortamdan

uzaklaştırılması, Doctorate, M.FIRLAK(Student), 2013  
KAHRAMAN M. V., UV ve termal yolla sertleşebilen hibrit siyanat esterlerin sentezi ve karakterizasyonu, Postgraduate, F.ŞEN(Student), 2013  
KAHRAMAN M. V., Çapraz bağlı tiyofen esaslı nanofiberlerin hazırlanması ve karakterizasyonu, Postgraduate, E.MERVE(Student), 2013  
KÖK YETİMOĞLU E., KAHRAMAN M. V., Bisfenol a'nın sulu ortamdan hidrojellerle adsorpsiyonu, S.BEŞLER(Student), 2013  
KAHRAMAN M. V., Bor içeren termoplastik poliüretan kompozitler, Postgraduate, S.ÇAKIR(Student), 2013  
KAHRAMAN M. V., İnorganik katkı kauçuk malzemenin özelliklerinin incelenmesi, Postgraduate, S.SARAÇ(Student), 2013  
KAHRAMAN M. V., KÖK YETİMOĞLU E., Bisfenol A'nın sulu ortamdan hidrojellerle adsorpsiyonu, Postgraduate, S.BEŞLER(Student), 2013  
KAYAMAN APOHAN N., KAHRAMAN M. V., Termoplastik poliüretan sentezi ve kompozit hazırlama uygulamaları, Doctorate, Z.ALTINTAŞ(Student), 2012  
KAHRAMAN M. V., Çapraz bağlı PVA/B nanofiberlerin elektrospon yöntemi ile hazırlanması ve karakterizasyonu, Postgraduate, E.BAŞTÜRK(Student), 2012  
KAHRAMAN M. V., UV ışınlarıyla sertleşebilen hidrofobik ve oleofobik kaplamaların geliştirilmesi ve karakterizasyonu, Doctorate, Y.MÜLAZİM(Student), 2011  
KAHRAMAN M. V., Nano kalsiyum karbonat eldesi ve alfa amilaz enziminin immobilizasyonunda kullanılması, Postgraduate, S.BURCU(Student), 2011  
KAHRAMAN M. V., KAYAMAN APOHAN N., 4-akrilomorfolin esaslı hidrojellerin sentezi ve ilaç salım kinetiğinin incelenmesi, Postgraduate, H.EFE(Student), 2010  
KAHRAMAN M. V., UV ışınlarıyla sertleşebilen bor/flor/silisyum içeren hibrit kaplama malzemelerinin hazırlanması ve kaplama performanslarının incelenmesi, Postgraduate, B.ZEYTUNCU(Student), 2010  
KAHRAMAN M. V., UV ile sertleşebilen çizilmeye, aşınmaya ve kirlenmeye dayanıklı kaplama malzemeleri ve uygulamaları, Doctorate, İ.KARTAL(Student), 2009  
KAHRAMAN M. V., Maleimid içeren yüksek performanslı hibrit kaplamalar, Postgraduate, İ.AHBAB(Student), 2008  
KAHRAMAN M. V., KÖK YETİMOĞLU E., 2-akrilamido-2-metilpropan sulfonik asit bazlı hidrojellerle ağır metallerin adsorpsiyonu, Postgraduate, M.FIRLAK(Student), 2008  
KAHRAMAN M. V., Bor içeren ve UV ışınlarıyla sertleştirilebilen yüzey kaplama malzemelerinin hazırlanması, Postgraduate, Y.MÜLAZİM(Student), 2008  
KAHRAMAN M. V., ?-amilaz enziminin fotoimmobilizasyonu, Postgraduate, Ü.YARAR(Student), 2008

## Patent

Kahraman M. V., Polielektrolit Yapıda Antimikrobiyal Gıda Ambalaj Malzemesi ve Bahsedilen Malzemenin Üretim Metodu, Utility Model, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2015/03344 , Standard Registration, 2018

## Memberships / Tasks in Scientific Organizations

Türkiye Kimya Derneği, Board Member, 2015 - Continues

## Tasks In Event Organizations

Kahraman M. V., 30. Kimya Kongresi, Scientific Congress, Gazimagusa, Cyprus (Kkctc), Kasım 2018

## Metrics

Publication: 405

Citation (WoS): 2888

Citation (Scopus): 2900

H-Index (WoS): 27

H-Index (Scopus): 31

## Research Areas

Chemical Engineering and Technology, Civil Engineering, Textile Engineering and Technology, Metallurgical and Materials Engineering, Life Sciences, Chemistry, Analytical Chemistry, Biochemistry, Physical Chemistry, Inorganic Chemistry, Organic Chemistry, Engineering and Technology

## Non Academic Experience

TÜRKİYE KİMYA DERNEĞİ

TÜBİTAK