**ÖZGEÇMİŞ**

Adı Soyadı : Mehmet KAHRAMAN

Unvanı : Doç. Dr.

Doğum Tarihi : 29/09/1981

1. Eğitim

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| Üniversite | Bölüm | Akademik Derece | Başlangıç/Bitiş Yılları |
| Çukurova Üniversitesi | Kimya | Lisans | 2000-2005 |
| Yıldız Teknik Üniversitesi | Biyomühendislik | Yüksek Lisans | 2005-2007 |
| İstanbul Teknik Üniversitesi | Kimya | Doktora | 2007-2011 |

1. Akademik ve Mesleki Deneyimler

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| **Eylül-Ağustos 2017: Misafir Profesör,** McGill Universitesi, Mühendislik Fakültesi, Biyomühendislik Bölümü, Kanada  **Eylül 2014- Doç. Dr.,** Gaziantep Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, Türkiye.  **Mayıs 2012-Eylül 2014: Yrd. Doç. Dr.,** Gaziantep Üniversitesi, Fen Edebiyat Fakültesi, Kimya Bölümü, Türkiye.  **Temmuz 2012-Temmuz 2013: Doktora Sonrası Araştırmacı,** University of California Davis, Center for Biophotonics Science and Technology, ABD.  **Eylül 2005 – Nisan 2011: Araştırma Görevlisi,** Yeditepe Üniversitesi, Mühendislik ve Mimarlık Fakültesi, Genetik ve Biyomühendislik Bölümü, Türkiye. |

1. Ödüller

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| Ödül | Yılı |
| Gaziantep Üniversitesi Rektörlüğü Bilimsel Ve Teknolojik Nitelik İyileştirme Desteği Projesi **“Genç Bilim İnsanı Ödülü”** | 2015 |
| Gaziantep Üniversitesi Rektörlüğü Bilimsel Ve Teknolojik Nitelik İyileştirme Desteği Projesi “TÜBİTAK Proje Başvuru Destek Ödülü” | 2017 |
| Gaziantep Üniversitesi Rektörlüğü Bilimsel Ve Teknolojik Nitelik İyileştirme Desteği Projesi “TÜBİTAK Proje Başvuru Destek Ödülü” | 2014 |
| Gaziantep Üniversitesi Rektörlüğü Bilimsel Ve Teknolojik Nitelik İyileştirme Desteği Projesi “TÜBİTAK Proje Başvuru Destek Ödülü” | 2014 |
| Gaziantep Üniversitesi Rektörlüğü Bilimsel Ve Teknolojik Nitelik İyileştirme Desteği Projesi “ Yurtdışı Kongre Katılım Ödülü | 2014 |
| Kongre Öğrenci Konaklama Ödülü, ICORS | 2010 |

1. Yürüttüğünüz Tezler

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| Yüksek Lisans | | Doktora | |
| Başlıkları | Yılı | Başlıkları | Yılı |
| Plazmonik Özellikleri Ayarlanabilir Nanokubbelerin Hazırlanması ve Karakterizasyonu | 2017 |  |  |
| Multipleks DNA Analizi İçin Yüzeyde Zenginleştirilmiş Raman Saçılmasına Dayalı Biyosensör Geliştirilmesi | 2017 |  |  |
| DNA Analizi İçin Yüzeyde Zenginleştirilmiş Raman Saçılmasına (YZRS) Dayalı Optik Biyosensör Geliştirilmesi | 2017 |  |  |
| Atık Sularda Renk Giderimi için Nanofotokatalizörlerin Hazırlanması ve Fotokatalitik Performansının Spektrofotometre ile Belirlenmesi | 2017 |  |  |
| Metisilin Dirençli Staphylococcus aureus (MRSA)’un Hızlı, Hassas Ve Doğru Tanısı İçin Yüzeyde Zenginleştirilmiş Raman Saçılmasına Dayalı Yeni Yöntem Geliştirilmesi | 2017 |  |  |
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1. Verilen Dersler

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| Ders | Derecesi | Lisans – Lisansüstü – Doktora | Yılı |
| Analitik Kimya | Lisans |  | 2017-2018 |
| Enstrumantal Analiz | Lisans |  | 2017-2018 |
| Nanobilim ve Nanoteknoloji | Lisans |  | 2017-2018 |
| Plazmonik ve Analitik Uygulamaları | Yüksek Lisans ve Doktora |  | 2017-2018 |
| SERS ve Analitik Uygulamaları | Yüksek Lisans ve Doktora |  | 2017-2018 |
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1. Düzenlenen Bilimsel Toplantılar

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| Toplantı Adı | Konusu | Yılı |
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1. Davetli Konuşmalar

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| Organizasyonun Adı | Sunum Konusu | Yılı |
| 12th International Nanoscience and Nanotechnology Conference (NANOTR12) | Surface-enhanced Raman Scattering on Tunable Plasmonic 3D Nanostructures | 2016 |
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1. Patent Başvuruları

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| Konusu | Alındı – Başvuru Aşamasında | Yılı |
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1. Projeleriniz

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| Konusu | Fon Kaynağı | Yılı |
| Patojen Mikroorganizmaların Hızlı, Hassas ve Doğru Tanısı için Yüzeyde Zenginleştirilmiş Raman Saçılmasına Dayalı Yeni Yöntemlerin Geliştirilmesi | TÜBİTAK | 2015-2017 |
| DNA Analizi İçin Yüzeyde Zenginleştirilmiş Raman Saçılmasına (YZRS) Dayalı Optik Biyosensör Geliştirilmesi | TÜBİTAK | 2015-2017 |
| Plazmonik Özellikleri Ayarlanabilir Üç Boyutlu Nanokubbelerin Hazırlanması ve Yüzeyde Zenginleştirilmiş Raman Saçılmasına Dayalı Biyoanalitik Uygulamaları | TÜBİTAK | 2015-2017 |
| Nanometal Kaplı Silika Mikroparçacıkların Ftalosiyaninler ile Modifikasyonu ve Organik Kirliliklerin Giderilmesindeki Fotokatalitik Özelliklerinin İncelenmesi | TÜBİTAK | 2014-2016 |
| Aptamer-based biosensors and assays | NSF–IUCR | 2011-2013 |
| Zayıf Moleküler Etkileşimleri Kullanarak Arayüzeylerde Ve Çözelti İçerisinde Nanoparçacıkların Kontrollü Birşekilde Kendiliğinden Düzenlenmelerini Sağlamak İçin Yeni Yöntemlerin Geliştirilmesi | TÜBİTAK | 2008-2011 |

1. Yayın Listeniz
   1. Uluslararası Hakemli Dergiler

|  |  |
| --- | --- |
| 1 | **M. Kahraman\*,** A. Ozbay, H. Yuksel, R. Solmaz, B. Demir H. Caglayan, “Tunable Plasmonic Silver Nanodomes for Surface-enhanced Raman Scattering” ***Plasmonics,*** (doi:10.1007/s11468-017-0573-6) **2018.** |
| 2 | **M. Kahraman,** E. R. Mullen, A. Korkmaz, S. Wachsmann-Hogiu, “Fundamentals and applications of SERS-based bioanalytical sensing” ***Nanophotonics- De Gruyter,*** **Review Article.** 6(5), 831–852, **2017** |
| 3 | H. Yüksel, A. Özbay, R. Solmaz, **M. Kahraman,** “Fabrication and characterization of three-dimensional silver nanodomes: Application for alkaline water electrolysis” ***International Journal of Hydrogen Energy,*** 42, 2476-2484,**2017.** |
| 4 | C. Lee, C. S. Robertson, A. H. Nguyen, **M. Kahraman,** S. Wachsmann-Hogiu “Thickness of a metallic film, in addition to its roughness, plays a significant role in SERS activity” ***Scientific Reports,*** 5, Article number: 11644, **2015.** |
| 5 | **M. Kahraman\*,** S. Wachsmann-Hogiu “Label-Free and Direct Protein Detection On 3D Plasmonic Nanovoid Structures Using Surface-Enhanced Raman Scattering” ***Analytica Chimica Acta,*** 856, 74-81, **2015.** |
| 6 | R. K. Gill, F. Knorr, Z. J. Smith, **M. Kahraman,** Dorte Madsen, D. S. Larsen, S. Wachsmann-Hogi*u* “Characterization of Femtosecond Laser Induced Breakdown Spectroscopy (fsLIBS) and Applications for Biological Samples" ***Applied Spectroscopy,*** 68, 949-954, **2014*.*** |
| 7 | **M. Kahraman\*,** P. Daggumati, O. Kurtulus, E. Seker, S. Wachsmann-Hogiu,“Fabrication and Characterization of Flexible and Tunable Plasmonic Nanostructures”***Scientific Reports,***3, 3396, **2013.** |
| 8 | **M. Kahraman\*,** B. N. Balz, S. Wachsmann-Hogiu, “Hydrophobicity-driven self-assembly of protein and silver nanoparticles for protein detection using surface-enhanced Raman scattering” ***Analyst,*** 138(10), 2906-2913, **2013.** |
| 9 | **M. Kahraman,** S. Cakmakyapan, E. Ozbay, M.Culha, “An array of surface-enhanced Raman scattering substrates based on plasmonic lenses” ***Annalen der Physik*** , 524(11), 663-669, **2012.** |
| 10 | I. Sur, M. Altunbek, **M. Kahraman,** M. Culha, “The influence of the surface chemistry of silver nanoparticles on cell death” ***Nanotechnology,*** 23(37), Article Number: 375102, **2012.** |
| 11 | S. A. Konnova, **M. Kahraman**, A. I. Zamaleeva, M. Culha, V. N. Paunov, R. F. Fakhrullin, “Functional Artificial Free-Standing Yeast Biofilms” ***Colloids and Surfaces B: Biointerfaces*,** 88(2), 656-663, **2011.** |
| 12 | A. Baysal, S. Akman, S. Demir, **M. Kahraman**, “Slurry Sampling Electrothermal Atomic Absorption Spectrometric Determination of Chromium After Separation/Enrichment by Mercaptoundecanoic Acid Modified Gold Coated TiO2 Nanoparticles” ***Microchemical Journal*,**99(2) 421-424, **2011.** |
| 13 | A. Baysal, A. D. Saatci, **M. Kahraman**, S. Akman, “FAAS Slurry Analysis of Lead and Copper Ions Preconcentrated on Titanium Dioxide Nanoparticles Coated with a Silver Shell and Modified with Cysteamine” ***Microchimica Acta*,** 173(3,4), 495-502, **2011.** |
| 14 | **M. Kahraman**, K. Keseroğlu, M. Çulha, “On Sample Preparation for Surface-Enhanced Raman Scattering (SERS) of Bacteria and The Source of Spectral Features of The Spectra” ***Applied Spectroscopy*,** 65(5), 500-506, **2011.** |
| 15 | S. Gunduz, S. Akman, **M. Kahraman**, “Slurry Analysis of Cadmium and Copper Collected on 11-Mercaptoundecanoic Acid Modified TiO2 Core-Au Shell Nanoparticles by Flame Atomic Absorption Spectrometry” ***Journal of Hazardous Materials*,** 186(1) 212–217, **2011.** |
| 16 | S. Keskin, **M. Kahraman**, M. Çulha, “Differential Separation of Protein Mixtures using Convective Assembly and Detection with Surface Enhance Raman Scattering” ***Chemical Communications,*** 47(12), 3424-3426, **2011.** |
| 17 | **M. Kahraman**, I. Sur, M. Çulha “Label-Free Detection of Proteins from Self-Assembled Protein-Silver Nanoparticle Structures using Surface-Enhanced Raman Scattering” ***Analytical. Chemistry*,** 82, 7596–7602, **2010** |
| 18 | M. Culha, **M. Kahraman**, D. Çam, İ. Sayın, K. Keseroğlu “Rapid Identification of Bacteria and Yeast Using Surface-Enhanced Raman Scattering” ***Surface and Interface Analysis*,** 42(6-7), 462-465, **2010.** |
| 19 | D. Cam, K. Keseroglu, **M. Kahraman**, F. Sahin, M. Culha, “Multiplex Identification of Bacteria in Bacterial Mixtures with Surface-enhanced Raman scattering” ***J. Raman Spectroscopy,***41(5), 484-489, **2010.** |
| 20 | I. Sur, D. Cam, **M. Kahraman,** A. Baysal, M. Culha, “Interaction of Multi-Functional Silver Nanoparticles with Living Cells” ***Nanotechnology,*** 21(17) Art No: 175104**,** **2010.** |
| 21 | T.I. Abdullin, O.V. Bondar, Yu.G. Shtyrlin, **M. Kahraman**, M. Culha, “Pluronic Block Copolymer-Mediated Interactions of Organic Compounds with Noble Metal Nanoparticles for SERS Analysis” ***Langmuir,***26(7), 5153-5159, **2010.** |
| 22 | S. Gunduz, S. Akman, A. Baysal, **M. Kahraman,** “The Use of Silver Nanoparticles as an Effective Modifier for the Determination of Arsenic and Antimony by Electrothermal Atomic Absorption Spectrometry” **Spectrochimica Acta Part B: Atomic Spectroscopy,** 65(4), 397-300, **2010.** |
| 23 | **M. Kahraman**, A. I. Zamaleeva, R. F. Fakhrullin, M. Culha, “Layer-by-Layer Coating of Bacteria with Noble Metal Nanoparticles for Surface-Enhanced Raman Scattering” ***Analytical and Bioanalytical Chemistry,*** 395(8), 2559-2567, **2009.** |
| 24 | **M. Kahraman,** Ö. Aydın, M. Çulha, “Oligonucleotide-Mediated Ag-Au Core-Shell Nanoparticles” ***Plasmonics,*** *4*(4), 293-301, **2009.** |
| 25 | I. Sayin, **M. Kahraman,** F. Sahin, D. Yurdakul, M. Culha, “Characterization of Yeast Using Surface-Enhanced Raman Scattering” ***Applied Spectroscopy*,** 63(11), 1276-1282, **2009.** |
| 26 | Ö. Aydın, M. Altaş, **M. Kahraman**, Ö. F. Bayrak, M. Çulha, “Differentiation of Healthy Brain Tissue and Tumors Using Surface-Enhanced Raman Scattering” ***Applied Spectroscopy,*** 63(10), 1095-1100, **2009.** |
| 27 | A. Baysal, **M. Kahraman,** S. Akman, “The Solid Phase Extraction of Lead Using Silver Nanoparticles–Attached to Silica Gel Prior to its Determination by FAAS” ***Current Analytical Chemistry,*** 5(4), 352-357, **2009.** |
| 28 | Ö. Aydın, **M. Kahraman**, E. Kılıç, M. Çulha, “Surface-Enhanced Raman Scattering of Rat Tissues” ***Applied Spectroscopy*,** 63(6), 662-668, **2009.** |
| 29 | R. F. Fakhrullin, A. I. Zamaleeva, M. V. Morozov, D. I. Tazetdinova, F. K. Alimova, A. K. Hilmutdinov, R. I. Zhdanov, **M. Kahraman**, M. Culha “Living Fungi Cells Encapsulated in Polyelectrolyte Shells Doped with Metal Nanoparticles” ***Langmuir,*** 25(8), 4628-4634, **2009.** |
| 30 | **M. Kahraman,** Ö. Aydın, M. Çulha, **“**Size Effect of 3D Aggregates Assembled from Silver Nanoparticles on Surface Enhanced Raman Scattering**” *ChemPhysChem.,*** 10(3), 537-542, **2009.** |
| 31 | M. Çulha, A. Adiguzel, M. M. Yazici, **M. Kahraman,** F. Sahin, M. Gulluce, “Characterization of Thermophilic Bacteria Using Surface-enhanced Raman Scattering” ***Applied Spectroscopy,*** 62(11), 1226-1232, **2008.** |
| 32 | M. Çulha, **M. Kahraman**, N. Tokman, G. Türkoğlu, “Surface-enhanced Raman Scattering on Aggregates of Silver Nanoparticles with Definite Size” ***Journal of Physical Chemistry C****,* 112 (28), 10338-10343, **2008.** |
| 33 | **M. Kahraman,** N. Tokman, M. Çulha, “Silver Nanoparticle Thin Films with Nanocavities for Surface-enhanced Raman Scattering”, ***ChemPhysChem*.** 9(6), 902-910, **2008.** |
| 34 | **M. Kahraman,** M. M. Yazıcı, F. Şahin, M. Çulha., “Convective-Assembly of Bacteria for Surface-Enhanced Raman Scattering” ***Langmuir,*** 24(3), 894-901, **2008**. |
| 35 | **M. Kahraman,** M. M. Yazıcı, F. Şahin, M. Çulha., “Experimental Parameters Influencing Surface-Enhanced Raman Scattering of Bacteria” ***J. of Biomedical Optics*.** 12(5), 1-6, **2007.** |
| 36 | **M. Kahraman,** M. M. Yazıcı, F. Şahin, Ö. F. Bayrak, and M. Çulha, “Reproducible Surface-Enhanced Raman Scattering Spectra of Bacteria on Aggregated Silver Nanoparticles” ***Applied Spectroscopy***, 61(5), 479-485, **2007.** |
| 37 | **M. Kahraman**, M. M. Yazıcı, F. Şahin, Ö. F. Bayrak. E. Topçu, M. Çulha., “Towards Single Microorganism Detection Using Surface-Enhanced Spectroscopy” ***Inter. J. Environ. Anal. Chem.*,** 87(10-11), 763-770, **2007.** |

* 1. Ulusal Hakemli Dergiler

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* 1. Uluslararası Konferans Bildirileri

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| --- | --- |
| 1 | **M. Kahraman**, G. Yaman, O. Celik, N. Erdogan, I. H. Kilic, D. Buyukbese, “SERS-based Immunobiosensor for Bacteria Detection” The Pittsburgh Conference (Pittcon2018), Orlando, Florida, USA, Feb 26 - Mar 1, **2018** (Sözlü). |
| 2 | Y. Unlu, G. Aksin, **M. Kahraman,** “Layer-by-Layer Assembly of Metal Nanoparticles on Diatoms for Surface-enhanced Raman Scattering” The Pittsburgh Conference (Pittcon2018), Orlando, Florida, USA, Feb 26 - Mar 1, **2018** (Poster). |
| 3 | G. Aksin, A. Korkmaz, N. Erdogan, I. H. Kilic, **M. Kahraman,** “Characterization of Bacteria using Surface-enhanced Raman Scattering” The Pittsburgh Conference (Pittcon2018), Orlando, Florida, USA, Feb 26 - Mar 1, **2018** (Poster). |
| 4 | **M. Kahraman,** A. Korkmaz, H. Yuksel, R. Solmaz, H. Caglayan, “Surface-Enhanced Raman Scattering on Tunable Plasmonic Nanodomes” 13th Nanoscience and Nanotechnology Conference of Turkey (NanoTR13), Antalya, Turkey, October 22-25, **2017** (Sözlü). |
| 5 | **M. Kahraman,** A. Korkmaz, A. Gürkan, H. Yüksel, R. Solmaz, “Label-free SERS-based Biosensing on Silver Nanodomes”, EastWest Chemistry Conference, Skopje, Macedonia, October 12-14, **2017** (Sözlü). |
| 6 | H. Yüksel, A. Özbay, **M. Kahraman,** R. Solmaz, “The effect of diameter of three-dimensional silver nanodomes on electrochemical hydrogen production” The Second International Hydrogen Technologies Congress (IHTEC-2017), Çukurova University, Adana, Turkey, March 15-18, **2017** (Poster). |
| 7 | **M. Kahraman,** A. Korkmaz, A. Ozbay, H. Yuksel, R. Solmaz, H. Caglayan, “Tunable Plasmonic Nanostructures for Surface-enhanced Raman Scattering” The Pittsburgh Conference (Pittcon2017), Chicago, Illinois, USA, March 5-9, **2017** (Poster). |
| 8 | A. Korkmaz, H. Yuksel, R. Solmaz, **M. Kahraman,** “Surface-enhanced Raman Scattering of Bacteria on Silver Nanodomes” The Pittsburgh Conference (Pittcon2017), Chicago, Illinois, USA, March 5-9, **2017** (Poster). |
| 9 | G. Yaman, A. Korkmaz, H. Yuksel, R. Solmaz, **M. Kahraman,** “Fabrication and Characterization of Alloy Nanodomes”, The Pittsburgh Conference (Pittcon2017), Chicago, Illinois, USA, March 5-9, **2017** (Poster). |
| 10 | **M. Kahraman**, O. Celik, N. Erdogan, I. H. Kilic, D. Buyukbese, G. Yaman, “Detection of Bacteria using SERS­Based Immunoassay” SCIX2016, Minnneapolis, MN, USA, September 18-23, **2016** (Poster). |
| 11 | T. Yigit, E. Akdogan, I. D. Karagoz, **M. Kahraman** “Multiplex DNA Analysis using Surface­Enhanced Raman Scattering” SCIX2016, Minnneapolis, MN, USA, September 18-23, **2016** (Poster). |
| 12 | A. Korkmaz , H. Yuksel, R. Solmaz, A. Gürkan, **M. Kahraman,** “Label­Free Protein Detection on Silver Nanodomes using Surface­enhanced Raman Scattering” SCIX2016, Minnneapolis, MN, USA, September 18-23, **2016** (Poster). |
| 13 | Y. Yılmaz, A. Korkmaz, **M. Kahraman,** Photodegradation of organic pollutants by using novel heterogeneous photocatalysis". International Congress on Fundamental and Applied Sciences (ICFAS 2016), İstanbul, Turkey, 22-26 August **2016** (Sözlü). |
| 14 | **M. Kahraman,** A. Korkmaz, H. Yuksel, R. Solmaz, H. Caglayan, “Tunable Plasmonic Nanodomes” XXV International Conference on Raman Spectroscopy (ICORS2016), Fortaleza, Brazil, August 14-19 **2016** (Poster). |
| 15 | A. Korkmaz, H. Yuksel, R. Solmaz, **M. Kahraman**, “Surface-Enhanced Raman Scattering on Au-Ag Alloy Nanodomes” XXV International Conference on Raman Spectroscopy (ICORS2016), Fortaleza, Brazil, August 14-19, **2016** (Poster). |
| 16 | A. Korkmaz, H. Yuksel, R. Solmaz, H. Caglayan, **M. Kahraman,** “Fabrication and Characterization of Tunable Plasmonic Gold Nanodomes” 12th International Nanoscience and Nanotechnology Conference (NANOTR12), Kocaeli, Turkey, June 03-05, **2016** (Poster). |
| 17 | **M. Kahraman,** A. Ozbay, H. Yuksel, R. Solmaz, S. Wachsmann-Hogiu, H. Caglayan, “Surface-enhanced Raman Scattering on Tunable Plasmonic 3D Nanostructures” 12th International Nanoscience and Nanotechnology Conference (NANOTR12), Kocaeli, Turkey, June 03-05, **2016 (Davetli Konuşmacı).** |
| 18 | T. Yigit, E. Akdogan, I. D. Karagoz, **M. Kahraman,** “Nano-stress Sensor Based on Surface-Enhanced Raman Scattering for DNA Analysis” 12th International Nanoscience and Nanotechnology Conference (NANOTR12), Kocaeli, Turkey, June 03-05, **2016** (Poster). |
| 19 | **M. Kahraman,** S. Wachsmann-Hogiu, “Label-Free Protein Detection on 3D Plasmonic Nanostructures using Surface-Enhanced Raman Scattering” Optical Nanospectroscopy III, Rome, Italy, March 22-25, **2016** (Poster). |
| 20 | A. Korkmaz, **M. Kahraman,** Y. Yılmaz, “Fabrication of Phthalocyanine and Nanometal Based Heterogeneous Photocatalysts and Photocatalytic Applications” Optical Nanospectroscopy III, Rome, Italy, March 22-25, **2016** (Poster). |
| 21 | **M. Kahraman,** S. Wachsmann-Hogiu, “Plasmonic Nanostructures for Bioanalytical Applications of SERS” SPIE Photonics West BIOS, San Francisco, California, USA, February, 13–18, **2016** (Sözlü). |
| 22 | T. Yigit, E. Akdogan, I. D. Karagoz, **M. Kahraman,** “Development of an Optical Biosensor Based on Surface-Enhanced Raman Scattering for DNA Analysis” SPIE Photonics West BIOS, San Francisco, California, USA, February, 13–18, **2016** (Poster). |
| 23 | O. Celik, **M. Kahraman,** “Development of SERS Substrates for Immunoassay Applications” SPIE Photonics West BIOS, San Francisco, California, USA, February, 13–18, **2016** (Poster). |
| 24 | A. Ozbay, H. Yuksel, R. Solmaz, **M. Kahraman**, “Fabrication of Tunable Plasmonic 3D Nanostructures for SERS Applications” SPIE Photonics West BIOS, San Francisco, California, USA, February, 13–18, **2016** (Poster). |
| 25 | A. Korkmaz, **M. Kahraman,** Y. Yılmaz “Synthesis and Characterization of Novel Phthalocyanines and Evaluation of Photodynamic Therapy Properties” SPIE Photonics West BIOS, San Francisco, California, USA, February, 13–18, **2016** (Poster). |
| 26 | G. Aksin, S. Demir, Ö. Kartal, G. Zengin, **M. Kahraman,** H. Zengin, “Preparation, Characterization, and Spectroscopical Investigation of Conductive and Antimicrobial Polyaniline/Silver Nanocomposite Materials” International Semiconductor Science and Technology Conference 2015 (ISSTC-2015), Izmir-Turkey, May 11-13, **2015** (Poster). |
| 27 | S. Demir, G. Akşin, Ö. Kartal, G. Zengin, **M. Kahraman,** H. Zengin, “Preparation, Characterization and Spectroscopical Studies of Conductive Polyaniline/Gold Nanocomposite Materials” International Semiconductor Science and Technology Conference 2015 (ISSTC-2015), Izmir-Turkey, May 11-13, **2015** (Poster). |
| 28 | **M. Kahraman,** S. Wachsmann-Hogiu, Label-Free Protein Detection using Surface-Enhanced Raman Scattering, The Pittsburgh Conference, New Orleans-USA, March 8-12, **2015** (Sözlü). |
| 29 | **M. Kahraman,** S. Wachsmann-Hogiu “Label-Free Protein Detection on 3D Plasmonic Nanovoid Structures using Surface-Enhanced Raman Scattering” XXIV International Conference on Raman Spectroscopy (ICORS2014), Jena, Germany, August 10-15, **2014** (Sözlü). |
| 30 | **M. Kahraman**, I. Sur, M. Culha “Surface-Enhanced Raman Scattering of Proteins” XXII International Conference on Raman Spectroscopy, Boston, Massachusetts,USA, August 8-13, **2010** (Poster). |
| 31 | M. Culha, M**. Kahraman**, D. Çam, İ. Sayın, K. Keseroğlu “Fast Identification of Bacteria and Yeast Using Surface-Enhanced Raman Scattering” “13th European Conference on Applications of Surface and Interface Analysis” Antalya, Turkey October 18-23, **2009** (Sözlü). |
| 32 | M. Çulha, R. F. Fakhrullin, A. I. Zamaleeva, **M. Kahraman**, D. Gelen, D. Çam, F. Şahin, M. Yüksel, “Engineering of gold and Silver nanoparticles into bacterial cell wall” Nanotech Europe, Berlin, Germany, September 28-30, **2009** (Sözlü). |
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