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PERSONAL

Date of Birth	10/09/1978
Place of Birth	Ankara

EDUCATION

2004-2011	Middle East Technical University, Chemistry, Ph.D.
2002-2004	Middle East Technical University, Chemistry, M.S.
1997-2002	Middle East Technical University, Chemistry, B.S.

ACADEMIC POSITIONS

2021-	Prof. Dr. Department of Chemical Engineering, Atılım University, Ankara, TURKEY
2015-2021	Assoc. Prof. Dr. Department of Chemical Engineering, Atılım University, Ankara, TURKEY
09/2013-2015	Asst. Prof. Dr. Department of Chemical Engineering, Atılım University, Ankara, TURKEY
04/2012-04/2013	Postdoctoral Research Associate, Department of Chemical Engineering, Massachusetts Institute of Technology (MIT), Cambridge, MA, USA
03/2011-03/2012	Postdoctoral Research Fellow, Chemistry Department, Middle East Technical University (METU), Ankara, Turkey

RESEARCH INTERESTS

1.	Photocatalytic Materials for Environmental Remediation and Energy
2.	Assembling Nanostructures for Effective Catalysis
3.	Preparation of Magnetic Nanoparticles, Magnetic Separation, Magnetically Separable Catalysts
4.	Hydrogen Storage and Evolution
5.	Preparation of Novel Nanostructures with High Light to Heat Conversion and Investigation of their Photothermal Efficiencies
6.	Preparation and Surface Modification of Noble Metal Nanoparticles with Different Structures to Monitor Biologically and Chemically Important Molecules, (Sensor Applications)

PUBLICATIONS

1.	D Kuzyaka, C Uzun, İ Yıldız, M Kaya, B Akata, Microporous vanadosilicate films with tailorable V ⁴⁺ /V ⁵⁺ ratio to achieve enhanced visible-light photocatalysis, Microporous and Mesoporous Materials 323, 111256, 2021
2.	IB Baguc, GS Kanberoglu, M Yurderi, A Bulut, M Celebi, M Kaya, M Zahmakiran, Nanocatalytic Architecture for the Selective Dehydrogenation of Formic Acid, Nanoparticles in Catalysis: Advances in Synthesis and Applications, 279-305, 2021
3.	S Ertan, M Kaya, A Cihaner, Polyhedral oligomeric silsesquioxane cage integrated soluble and fluorescent poly (3, 4-propylenedioxythiophene) dye, Polymer 212, 123127, 2021
4.	M Yurderi, T Top, A Bulut, GS Kanberoglu, M Kaya, M Zahmakiran, Complete dehydrogenation of hydrazine borane on manganese oxide nanorod-supported Ni@ Ir core-shell nanoparticles, Inorganic Chemistry 59 (14), 9728-9738, 2020
5.	M Yurderi, A Bulut, GS Kanberoglu, M Kaya, Y Kanbur, M Zahmakiran, Ruthenium Nanoparticles Supported on Reduced Graphene Oxide: Efficient Catalyst for the Catalytic Reduction of Cr (VI) in the Presence of Amine-Boranes, ChemistrySelect 5 (23), 6961-6970, 2020
6.	N Caner, M Yurderi, Ahmet Bulut, Gulsah Saydan Kanberoglu, Murat Kaya and Mehmet Zahmakiran, Chromium based metal-organic framework MIL-101 decorated palladium nanoparticles for the methanolysis of ammonia-borane, New Journal of Chemistry 44 (29), 12435-12439, 2020
7.	B Nasser, M Turk, K Kosemehmetoglu, M Kaya, E Piskin, N Rabiee, The pimped gold nanosphere: A superior candidate for plasmonic photothermal therapy, International Journal of Nanomedicine 15, 2903, 2020
8.	IB Baguc, M Yurderi, A Bulut, M Celebi, GS Kanberoglu, M Zahmakiran, Cobalt nanoparticles supported on alumina nanofibers (Co/Al ₂ O ₃): Cost effective catalytic system for the hydrolysis of methylamine borane, International Journal of Hydrogen Energy 44 (53), 28441-28450, 2019
9.	H Berk, B Balci, S Ertan, M Kaya, A Cihaner, Functionalized polysulfide copolymers with 4-vinylpyridine via inverse vulcanization, Materials Today Communications 19, 336-341, 2019
10.	R Khadim, C Uzun, A Cihaner, M Kaya, Silver Nanoparticles Added Polymer Film Prepared by Electrochemical Route for Surface Enhanced Raman Scattering Applications, Journal of The Electrochemical Society 166 (4), B243, 2019
11.	LS Yildirim, M Kaya, M Volkan Gold-assembled silica-coated cobalt nanoparticles as efficient magnetic separation units and surface-enhanced Raman scattering substrate, Turkish Journal of Chemistry 43 (1), 307-318, 2019
12.	M Elbuzedi, C Uzun, S Tirkeş, M Kaya, Investigation of the Photocatalytic Behavior of Silver Nanoparticles Added Polyaniline Composite Material, OSR Journal of Applied Chemistry 12 (11), 45-51, 2019
13.	A Bulut, M Yurderi, M Kaya, M Aydemir, A Baysal, F Durap, M Zahmakiran, Amine Functionalized Graphene Nanosheets Supported PdAuNi Alloy Nanoparticles: Efficient Nanocatalyst for the Formic Acid Dehydrogenation, New Journal of Chemistry, 42, 16103-16114, 2018

14.	A Bulut, M Yurderi, O Alal, H Kivrak, M Kaya, M Zahmakiran, Synthesis, characterization, and enhanced formic acid electrooxidation activity of carbon supported MnOx promoted Pd nanoparticles, <i>Advanced Powder Technology</i> , 29, 6, 1409-1416,2018
15.	I B Baguc, I E Ertas, M Yurderi, A Bulut, Zahmakiran, M Kaya, Nanocrystalline Metal Organic Framework (MIL-101) Stabilized Copper Nanoparticles: Highly Efficient Nanocatalyst for the Hydrolytic Dehydrogenation of Methylamine Borane, <i>Inorganica Chimica Acta</i> , 483, 431-439, 2018
16.	IB Baguc, M Celebi, K Karakas, IE Ertas, MN Keles, M Kaya, M Zahmakiran, Nanohydroxalate Supported Ruthenium Nanoparticles: Highly Efficient Heterogeneous Catalyst for the Oxidative Valorization of Lignin Model Compounds, <i>Chemistry Select</i> , 2 (31), 10191-10198, 2017
17.	B Cabir, M Yurderi, N Caner, MS Agirtas, M Zahmakiran, M Kaya, Methylene blue photocatalytic degradation under visible light irradiation on copper phthalocyanine-sensitized TiO ₂ nanopowders, <i>Materials Science and Engineering: B</i> , 224 ,9-17,2017
18.	M Celebi, K Karakas, IE Ertas, M Kaya, M Zahmakiran, Palladium Nanoparticles Decorated Graphene Oxide: Active and Reusable Nanocatalyst for the Catalytic Reduction of Hexavalent Chromium (VI), <i>ChemistrySelect</i> ,2(27),8312-8319,2017
19.	I B Baguc, S Saglam, I E Ertas, M N Keles, M Celebi, M Kaya, M Zahmakiran, Keggin Type-Polyoxometalate Decorated Ruthenium Nanoparticles: Highly Active and Selective Nanocatalyst for the Oxidation of Veratryl Alcohol as a Lignin Model Compound, <i>ChemistrySelect</i> 2(8) 2487-2494, 2017
20.	N Caner, A Bulut, M Yurderi, I E Ertas, H Kivrak, M Kaya, M Zahmakiran, Atomic layer deposition-SiO ₂ layers protected PdCoNi nanoparticles supported on TiO ₂ nanopowders: Exceptionally stable nanocatalyst for the dehydrogenation of formic acid", <i>Applied Catalysis B: Environmental</i> , 210,470-483, 2017
21.	Y Karatas, A Bulut, M Yurderi, I E Ertas, O Alal, M Gulcan, M Celebi, H Kivrak, M Kaya, M Zahmakiran, PdAu-MnOx nanoparticles supported on amine-functionalized SiO ₂ for the room temperature dehydrogenation of formic acid in the absence of additives, <i>Applied Catalysis B: Environmental</i> 180,586–595,2016
22.	A Bulut, M Yurderi, I E Ertas, M Celebi, M Kaya, M Zahmakiran, Carbon dispersed copper-cobalt alloy nanoparticles: A costeffective heterogeneous catalyst with exceptional performance in the hydrolytic dehydrogenation of ammonia-borane" <i>Applied Catalysis B: Environmental</i> 180, 121–129,2016
23.	M Celebi, M Yurderi, A Bulut, M Kaya, M Zahmakiran, Palladium nanoparticles supported on amine-functionalized SiO ₂ for the catalytic hexavalent chromium reduction, <i>Applied Catalysis B: Environmental</i> 180,53–64,2016
24.	A Bulut, M Yurderi, Y Karatas, Z Say, H Kivrak, M Kaya, M Gülcan, E Ozensoy, M Zahmakiran, MnOx-Promoted PdAg Alloy Nanoparticles for the Additive-Free Dehydrogenation of Formic Acid at Room Temperature, <i>ACS Catal.</i> , 5 (10),6099–6110,2015
25.	M Yurderi, A Bulut, N Caner, M Celebi, M Kaya, M Zahmakiran, Amine grafted silica supported CrAuPd alloy nanoparticles: superb heterogeneous catalysts for the room temperature dehydrogenation of formic acid, <i>Chem. Commun.</i> , , 51, 11417- 11420, 2015

26.	G Aygar, M Kaya, N Özkan, S Kocabıyık, M Volkan, Preparation of silica coated cobaltferrite magnetic nanoparticles for the purification of histidine-tagged proteins, Journal of Physics and Chemistry of Solids, , 87, 64-71, 2015
27.	M Yurderi, A Bulut, I E Ertaş, M Zahmakiran, M Kaya, Supported Copper-Copper Oxide Nanoparticles as Active, Stable and Low-Cost Catalyst in the Methanolysis of Ammonia-Borane for Chemical Hydrogen Storage, Applied Catalysis B: Environmental, 165,169-175,2015
28.	A Bulut, M Yurderi, Y Karatas, M Zahmakiran, H Kivrak, M Gulcan, M Kaya, Pd-MnOxnanoparticles dispersed on amine-grafted silica: Highlyefficient nanocatalyst for hydrogen production from additive-freedehydrogenation of formic acid under mild conditions, Applied Catalysis B: Environmental, 164, 324-333,2015
29.	S Akbayrak, M Kaya, M Volkan, S Özkar, Ruthenium(0) nanoparticles supported on magnetic silica coated cobalt ferrite: Reusable catalyst in hydrogen generation from the hydrolysis of ammonia-borane, Journal of Molecular Catalysis A: Chemical, 394,253-261,2014
30.	M Yurderi, A, M Zahmakiran, M Kaya, Carbon supported trimetallic PdNiAg nanoparticles as highly active, selective and reusable catalyst in the formic acid decomposition, Applied Catalysis B-Environmental, 514,160–161,2014
31.	Y Karatas, M Yurderi, M Gulcan, M Zahmakiran, M Kaya, Palladium(0) Nanoparticles Supported on Hydroxyapatite Nanospheres: Active, Long- Lived and Reusable Nanocatalyst for Hydrogen Generation from the Dehydrogenation of Aqueous Ammonia-Borane Solution, Journal of Nanoparticle Research, 16,2547(1-12),2014
32.	H Durak, M Gulcan, MZahmakiran, S Ozkar, M Kaya,Hydroxyapatite-nanosphere supported ruthenium(0) nanoparticle catalyst for hydrogen generation from ammonia-borane solution: kinetic studies for nanoparticle formation and hydrogen evolution, RSC Advances, , 4, 28947- 28955,2014
33.	S Akbayrak, M Kaya, M Volkan, S Özkar, Palladium(0) nanoparticles supported on silica-coated cobalt ferrite:A highly active, magnetically isolable and reusable catalyst forhydrolytic dehydrogenation of ammonia borane, Applied Catalysis B: Environmental, 147, 387-393, 2014
34.	Ü Doğan, M Kaya, A Cihaner, M Volkan, Ag nanostructures on a Poly(3,4-ethylenedioxythiophene) Film Prepared with Electrochemical Route: A Controllable Roughened SERS Substrate with High Repeatability and Stability, Electrochimica Acta, 85, 220-227, 2012
35.	M Kaya, M Volkan, New Approach for the Surface Enhanced Resonance Raman Scattering (SERRS) Detection of Dopamine at Picomolar (pM) Levels in the Presence of Ascorbic Acid, Analytical Chemistry,84(18), 7729-7735,2012
36.	M Kaya, M Zahmakiran, M Volkan, S Ozkar, Copper(0) Nanoparticles Supported on Silica-Coated Cobalt Ferrite Magnetic Particles: Cost Effective Catalyst in the Hydrolysis of Ammonia-Borane with an Exceptional Reusability Performance, ACS Applied Materials & Interfaces, 4(8), 3866-3873,2012
37.	M Kaya, M Volkan, Germanium Determination by Flame Atomic Absorption Spectrometry: An Increased Vapor Pressure-Chloride Generation System,Talanta, 2011, 84, 1, 122

38.	B Köksel, M Kaya, A Cihaner, M Volkan, A M Önal, Synthesis of N-Polyethereal Polypyrroles and Their Application for the Preconcentration of Rare Earth Ions, J. App. Poly. Sci., 108, 2707-2711,2008
39.	B Tural, M Kaya, N Özkan, M Volkan, Preparation and Characterization of Ni-NTA Bearing PMAA Coated Superparamagnetic Magnetite Nanoparticles, J. Nanosci. Nanotech., 8, 695-701, 2008
40.	S Karabiçak, M Kaya, T Vo-Dinh, M Volkan, Silver Nanoparticle-doped Polyvinyl Alcohol Coating as a Medium for Surface-enhanced Raman Scattering Analysis, J. Nanosci. Nanotech., 8, 955-960, 2008

PROJECTS

1.	Preparation of Novel Nanostructures with High Light to Heat Conversion and Investigation of their Photothermal Efficiencies and Toxicities, TÜBİTAK-1001, 217Z111, Project Coordinator
2.	Synthesis and Applications of High Sulfur Content Polymeric Materials, TÜBİTAK-1001, 118Z343, Researcher
3.	Synthesis of Electroactive Chemiluminescent Compounds and Polymers for Blood Detection in Forensic, TÜBİTAK-COST, 118Z067, Researcher
4.	Large Surface High Quality Organic Thin Film Coating, TÜBİTAK 2232, 117C020, Project Coordinator
5.	Preparation of Magnetic Nanoparticles Which Enable the Use of 18F-FDG as Multi-modal Imaging Agents in PET-MRI Applications, TÜBİTAK 1001, 215Z238, Researcher
6.	Preparation of Multifunctional Photocatalytic Nanocomposit Materials and, Usage in Hydrogen Output and Environmental Remediation, TÜBİTAK 1001, 115Z550, Project Coordinator
7.	Preparation, Characterization and Investigation of Catalytic Performances of Magnetic Catalysors in Hydrogen Generation From The Dehydrogenation of Formic Acid, ATÜ-BAP, Project Coordinator
8.	Self-Cleaning Surfaces: A New Approach for Water-Repellent Surfaces, ATÜ-BAP, Project Coordinator

CONFERENCE PRESENTATIONS

1.	Gonca Cakmak Demircigil, Elif Asik, Murat Kaya, Mürvet Volkan, Mesude Iscan Genotoxicity of Cobalt Ferrite Nanoparticles on MDA-231 Cells Using Comet Assay, 48th Congress of the European-Societies-of-Toxicology (EUROTOX) Toxicology Letters, 211,SI, 206,2012
2.	Elif Asik, Murat Kaya, Tuba Nur Alp, Mürvet Volkan, Mesude Iscan Cytotoxicity of Cobalt Ferrite Nanoparticles On Breast Cancer Cell Lines, 48th Congress of the European-Societies-of-Toxicology (EUROTOX), Toxicology Letters, 211,SI, 206,2012
3.	Yeliz Akpınar, Murat Kaya, Mürvet Volkan, Usage of Silica Coated Magnetic Nanoparticles and SERS Nanotags for Gene Detection, 22nd IUBMB Congress/37th FEBS Congress, FEBS Journal, 279, SI, 350,2012
4.	Murat Kaya, Mürvet Volkan, Determination of Germanium at Trace Level by Interference Free Chloride Generation Atomic Absorption Spectrometry, III Aegean Analytical Chemistry Days, Polihnitos, Lesvos, Greece, Sep 29th-Oct 3rd 2002
5.	Murat Kaya, Mürvet Volkan, Atomic Spectrometric Method for the Determination of Trace Amounts of Germanium through the Vaporization of Germanium as Germanium Tetrachloride, 2nd Black Sea Basin Conference on Analytical Chemistry, , Sile, Istanbul, Turkey, 14-17 September 2003

6.	Seher Karabiçak, Murat Kaya, Tuan Vo-Dinh, Mürvet Volkan, Silver Nanoparticle-doped Polyvinyl Alcohol Coating as a Medium for Surface-enhanced Raman Scattering Analysis, International Workshop on Nano-structured Materials, NANOMAT 2006, Antalya, Turkey, June 21-23, 2006
7.	Bilsen Tural, Murat Kaya, Mürvet Volkan, Preparation and Characterization of Maghemite and Magnetite Nanoparticles Designed Specifically as a Magnetic Platform for Histidine Separation, International Workshop on Nano-structured Materials, NANOMAT 2006, , Antalya, Turkey, June 21-23, 2006
8.	Serap Tekin, Murat Kaya, Mürvet Volkan, Sensor Application of Ferrozine Doped Sol-gel Beads for Speciation Studies of Iron, Eurotrode IX – Dublin,, Dublin, Ireland, March 30th – April 2nd, 2008
9.	Murat Kaya, Mürvet Volkan, Synthesis of hollow gold-silver double shell and gold core silver shell nanoparticles for molecular sensing using surface-enhanced Raman scattering (SERS) spectroscopy, Colloquium Spectroscopicum Internationale XXXVI - Budapest, Hungary, August 30-September 3, 2009
10.	Gözde Kerman, Muharrem Timuçin, Murat Kaya, Mürvet Volkan, Nuhan Puralı, Petek Korkusuz, Sema Hakkı, Feza Korkusuz, Trace Element Release from Si-HAP Containing Ceramics, BIOTECH 2009 International Symposium on Biotechnology: Developments and Trend, Middle East Technical University, Ankara, Turkey, 27-30 September 2009
11.	Murat Kaya, Mürvet Volkan, Surface Enhanced Raman Scattering (SERS) Detection of Biologically Important Compounds Utilizing Noble Metal Nanoparticles with Tunable Optical Properties, ECASIA'0913th European Conference on Applications of Surface and Interface Analysis, Antalya Turkey, October 18-23, 2009
12.	Zehra Tatlici, Umit Zengin, Murat Kaya, Mürvet Volkan, Preparation and Characterization of Silica Coated Magnetite Nanoparticles and Labeling with Tc-99 for Magneticly Targeted Radioactive Imaging, 7th Aegean Analytical Chemistry Days, AACD2010 Conference, Mytilene, Lesvos, Greece, 29th September-3th October 2010
13.	Murat Kaya, Serap Kaya, Mürvet Volkan, Colloidal Hybrid Nanostructures: A New Type of Bifunctional Nanoparticles, 2012 MRS Fall Meeting & Exhibit, Hynes Convention Center, Boston, MA, USA, November 25-30, 2012
14.	Üzeyir Doğan, Murat Kaya, Atilla Cihaner and Mürvet Volkan, Silver Nanoparticles Embedded in a PEDOT Film Prepared via Electrochemical Route: A Controllable Roughened Optically Active Nanomaterial, 2012 MRS Fall Meeting & Exhibit, Hynes Convention Center, Boston, MA, USA, November 25-30, 2012
15.	Yeliz Akpınar, Murat Kaya, Mürvet Volkan, Preparation and Characterization of CoFe ₂ O ₄ @SiO ₂ @Au Nanoparticles, 9th Aegean Analytical Chemistry Days, , Chios, Greece, AACD 2012, September 29-October 3, 2014
16.	Canan Karabay, Ceren Uzun, Murat Kaya, Preparation of Noble Metal and Polymer Added Titanium Based Magnetic Photocatalytic Nanocomposite Material and Usage in Environmental Remediation, 10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, September 29 th-October 02, 2016
17.	Ceren Uzun, Murat Kaya, Mürvet Volkan, Multiplexed and Sensitive Detection of Glucose via Fluorescence and Surface Enhanced Raman Spectroscopy, 10th Aegean Analytical Chemistry Days, Çanakkale, Turkey, September 29 th-October 02, 2016
18.	Raisan Kadhim, Canan Karabay, Talat Al-Aqbi, Murat Kaya, Preparation and Characterization of Silver-PESeE Film Deposited on ITO Glass Surface as a Surface Enhanced Raman Scattering Substrate, 10th Aegean Analytical Chemistry Days, , Çanakkale, Turkey, September 29 th-October 02,2016
19.	Murat Kaya, Mürvet Volkan, Gerçek Örneklerde Eser Miktarlardaki Germanyumun Klörür Oluşturma- Alevli AAS Yöntemi Kullanılarak Tayini. "II. Ulusal Analitik Kimya Kongresi", İnönü Üniversitesi, Malatya, 2-4 Eylül, 2004,

20.	L. Sezen Keser, Murat Kaya, Mürvet Volkan, Nano Boyutta Gümüş Küre, Çubuk ve Tel Yapıların Kimyasal Sentezi ve SERS Uygulamaları. "XI. Ulusal Spektroskopi Kongresi", , Gazi Üniversitesi, Ankara, 2009
21.	Recep Yüksel, Murat Kaya, Mürvet Volkan, Bimetalik Altın-Gümüş Nanoparçacıkların Sentezi ve SERS Uygulamaları. "XI. Ulusal Spektroskopi Kongresi", , Gazi Üniversitesi, Ankara, 2009
22.	Murat Kaya, Mürvet Volkan, Preparation of Hollow Gold-Silver Double Shell Nanospheres and Gold Core Silver Shell Nanoparticles for SERS Applications, 5th Nanoscience and Nanotechnology Conference (NanoTR5), Eskisehir, Turkey, June 08-12, 2009
23.	Ceren Uzun, Yeliz Akpınar, Murat Kaya, Mürvet Volkan, Synthesis and Characterization of Surface Enhanced Raman Scattering Tags with Ag and Au Core-Ag Shell Nanostructures, NanoTR7, 2011, Nanoscience and Nanotechnology Conference, Sabanci University, Istanbul, Turkey, June 27-July 1, 2011
24.	Ceren Uzun, Yeliz Akpınar, Murat Kaya, Mürvet Volkan, Raman-Dye-Labeled Nanoparticle Probes for DNA Studies, NanoTR8, Nanoscience and Nanotechnology Conference, Hacettepe University, Ankara, Turkey, 25-29 June 2012
25.	Üzeyir Doğan, Murat Kaya, Atilla Cihaner and Mürvet Volkan, Performance of Silver Doped PEDOT Polymer Film as a SERS Substrate, 6th Nanoscience and Nanotechnology Conference (NanoTR6), IYTE, İzmir, Turkey, 15-18 June 2010,
26.	Gülfem Aygar, Zeynep Ergül, Lütfiye Sezen Keser, Murat Kaya, Mürvet Volkan, Comparison of Magnetic Behavior of Cobalt, Cobalt-Ferrite and Iron Oxide Nanoparticles with Silica Coatings, 6th Nanoscience and Nanotechnology Conference (NanoTR6), , IYTE, İzmir, Turkey, 15-18 June 2010
27.	Lütfiye Sezen Keser, Murat Kaya, Mürvet Volkan, DNA Purification with Aminosilane Modified Magnetic Cobalt Nanoparticles, 5th Nanoscience and Nanotechnology Conference (NanoTR5), Eskisehir, Turkey, June 08-12, 2009
28.	Seda Kibar, Murat Kaya, Mürvet Volkan, Preparation and Characterization of Silica Coated-Dye Doped Ag Nanoparticles, 5th Nanoscience and Nanotechnology Conference (NanoTR5), Eskisehir, Turkey, June 08-12, 2009
29.	Gülfem Aygar, Murat Kaya, Mürvet Volkan, Preparation of Silica and PMAA Coated Cobalt Ferrite (CoFe ₂ O ₄) Magnetic Nanoparticles for the Purification of Histidine-Tagged Proteins, 5th Nanoscience and Nanotechnology Conference (NanoTR5), Eskisehir, Turkey, June 08-12, 2009,
30.	Murat Kaya, Mürvet Volkan, Pakızan Tasman, Çiğdem Ay, Preparation and Characterization of Phenylboronic Acid Modified Iron Oxide Nanoparticles for PET-MRI Applications, NANOTR14, İzmir, 2018
31.	Ceren Uzun, Murat Kaya, Mürvet Volkan, Preparation of Noble Metal Nanoparticle Loaded Titanium Dioxide as Photocatalyst, NANOTR14, İzmir, 2018
32.	Büşra Kesimal, Atilla Cihaner, Murat Kaya, Poli(4-vinilpiridin) İçeren Kükürt Esaslı Polimerlerin Fotokatalitik Etkinliklerinin Araştırılması, Ulusal Polimer Kongresi, Eskişehir, 2018

THESES SUPERVISED

1.	MS Thesis, Palladium-Copper Bimetallic Nanoparticles Supported on Silica Coated-Cobalt Ferrite Magnetic Particles For Hydrolytic Dehydrogenation of Ammonia Borane, 2015
2.	MS Thesis, Preparation and Characterization of Silver-PESeE Film Deposited on ITO Glass Surface as a Surface Enhanced Raman Scattering Substrate, 2015
3.	MS Thesis, Preparation and Photocatalytic Application of Magnetic-PEDOT-TiO ₂ Nanocomposite Material, 2016
4.	MS Thesis, Preparation of Silver-Copper Bimetallic Nanoparticles Added Silica Coated-Cobalt Ferrite Magnetic Nanoparticles for Hydrogen Production from Ammonia Borane, 2016
5.	MS Thesis, Hydrogen Production from Ammonia Borane by Using Palladium-Nickel Bimetallic Nanoparticles Supported on Silica Coated-Cobalt Ferrite Magnetic Nanoparticles, 2016
6.	MS Thesis, Investigation of the Photocatalytic Activity of Palladium Nanoparticles Added PEDOT, 2017
7.	MS Thesis, Determination of Photocatalytic Degradation Products of Dye Molecules Found in Textile Wastewater, 2017
8.	MS Thesis, Preparation of Copper Nanoparticles Added Polythiophene for Dehydrogenation of Ammonia Borane, 2017
9.	MS Thesis, Preparation and Characterization of Palladium Nanoparticles Added Polythiophene for Hydrogen Production from Ammonia Borane, 2017
10.	MS Thesis, Preparation of Nanocomposite Materials for Photocatalytic Water Treatment, 2017
11.	MS Thesis, Langmuir and Langmuir Blodgett Studies of Cadmium Selenide (CdSe) Quantum Dots, 2017
12.	MS Thesis, Preparation and Investigation of Photocatalytic Activity of Silver Nanoparticle Added Magnetic-PEDOT Nanocomposite Material, 2018
13.	PhD Thesis, Preparation of Multifunctional Materials for Photocatalytic Applications, 2020
14.	MS Thesis, Preparation and Characterization of Palladium Nanoparticles Loaded Polyaniline with Magnetic Property as A Catalyst for Hydrogen Generation, 2020
15.	MS Thesis, Preparation and Characterization of Silver Nanoparticles Added Poly(N-Methylaniline) Spheres, 2020
16.	PhD Thesis, Preparation of Silver Nanoparticles Loaded Polyaniline-Titanium Dioxide Nanocomposite Material and Usage in Environmental Remediation, 2020
17.	MS Thesis, Synthesize and Photocatalytic Applications of Titanium Dioxide and Magnetic Nanoparticles Containing High Sulfur Content Polymeric Composites, 2022