

## Prof. NUMAN HODA

### Personal Information

**Office Phone:** [+90 242 310 4379](tel:+902423104379)

**Email:** [nhoda@akdeniz.edu.tr](mailto:nhoda@akdeniz.edu.tr)

**Web:** <https://avesis.akdeniz.edu.tr/nhoda>

**Address:** Akdeniz Üniversitesi Mühendislik Fakültesi Malzeme Bilimi ve Mühendisliği Bölümü

### International Researcher IDs

Publons / Web Of Science ResearcherID: A-7256-2017

Yoksis Researcher ID: 128279

### Education Information

Post Doctorate, Rensselaer Polytechnic Institute, Engineering , Material Science, United States Of America 2006 - 2007

Doctorate, Akdeniz University, Faculty Of Science, Kimya, Turkey 1999 - 2005

Postgraduate, Akdeniz University, Faculty Of Science, Kimya, Turkey 1996 - 1999

Undergraduate, Middle East Technical University, Fen-Edebiyat Fakültesi, Kimya, Turkey 1987 - 1993

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, Atık sulardaki pestisit ve organokalay bileşiklerinin karbon kumaşı üzerine adsorpsiyon yolu ile uzaklaştırılmasının incelenmesi, Akdeniz University, Faculty of Science, Kimya, 2005

Postgraduate, FTIR spektroskopisinin avokado (Persea Americana Mill.) analizinde kullanımı, Akdeniz University, Faculty of Science, Kimya, 1999

### Research Areas

Chemistry, Analytical Chemistry, Surface Analysis, Physical Chemistry, Composites, nanocomposites, Polymeric Adsorbents, Medical Applications of Polymers, Surface Chemistry, Natural Sciences

### Academic Titles / Tasks

Associate Professor, Akdeniz University, Faculty of Science, Kimya, 2012 - Continues

Assistant Professor, Akdeniz University, Faculty of Science, Kimya, 2006 - 2012

Research Assistant, Akdeniz University, Faculty of Science, Kimya, 1996 - 2006

### Supervised Theses

HODA N., Lökosit ayırımında kullanılabilir kan filtre medyasının melt-blown tekniği ile poliamitten üretim parametrelerinin incelenmesi, Postgraduate, F.KARA(Student), Continues

HODA N., Nano Ag-hidroksiapatit yüklenmiş aktif karbon kumaşının eldesi ve karakterizasyonu, Postgraduate, Ö.Buse(Student), Continues

HODA N., Ag nanopartiküllerinin bitki ekstraktlarından Sentezi karakterizasyonu ve polilaktik asit polimerine katılarak elektrolif çekim yöntemiyle elde edilen liflerin özelliklerinin belirlenmesi, Doctorate, L.Budama(Student), Continues

HODA N., Lökosit ayırımında kullanılabilir kan filtre medyasının Melt-Blown tekniği ile poliestер-poliamid karışım polimerlerinden üretim parametrelerinin belirlenmesi, Doctorate, f.MERT(Student), 2016

HODA N., Lökosit ayırımında kullanılabilir kan filtre medyasının Melt-Blown tekniği ile Poliestер-Poliamid karışım polimerlerinden üretim parametrelerinin belirlenmesi, Doctorate, F.Mert(Student), 2016

HODA N., Balık Atıklarından Yağ Eldesi ve Biyodizel Üretimi, Postgraduate, H.Burcu(Student), 2012

HODA N., Kopolimer kalıbı kullanarak sentezlenen Ag nanopartikül katkılı nanolif üretimi ve antibakteriyel aktivitesinin incelenmesi, Postgraduate, B.ACAR(Student), 2011

HODA N., Ters misel sistemi kullanarak nanopartikül sentezi ve karakterizasyonu, Postgraduate, L.Budama(Student), 2011

HODA N., Ters misel sistemi kullanarak gümüş nanopartikül sentesi ve karakterizasyonu, Postgraduate, L.Budama(Student), 2011

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

- I. **Adsorption of dimethyl disulfide onto activated carbon cloth**  
Mert Sivri F., Hoda N., Topuz A., Budama Akpolat L., Eroğlu E.  
Turkish Journal of Chemistry, vol.46, no.3, pp.859-868, 2022 (SCI-Expanded)
- II. **Effect of Process Parameters on Fiber Diameter and Fiber Distribution of Melt-Blown Polypropylene Microfibers Produced by Biax Line**  
HODA N., MERT SİVRİ F., Kara F., ATASAĞUN H. G., Bhat G. S.  
FIBERS AND POLYMERS, vol.22, no.1, pp.285-293, 2021 (SCI-Expanded)
- III. **Magnetic solid-phase extraction of quercetin on magnetic-activated carbon cloth (MACC)**  
Arain M. B., YILMAZ E., HODA N., Kazi T. G., SOYLAK M.  
JOURNAL OF THE IRANIAN CHEMICAL SOCIETY, vol.16, no.7, pp.1365-1372, 2019 (SCI-Expanded)
- IV. **Synthesis of TiO<sub>2</sub> nanoparticles by self-assembling reverse micelle cores of PS-b-PAA for functional textile applications**  
AKPOLAT L. B., Cakir B. A., TOPEL Ö., HODA N.  
MATERIALS RESEARCH BULLETIN, vol.64, pp.117-122, 2015 (SCI-Expanded)
- V. **Supramolecular chemosensor for selective detection of iron in aqueous medium**  
Nadeem S., Shah M. R., Khan B., HODA N., TOPEL Ö.  
SUPRAMOLECULAR CHEMISTRY, vol.25, no.12, pp.798-805, 2013 (SCI-Expanded)
- VI. **Novel 1,2,3-Triazole-Bisphenol-Based Macrocyclic Synthesized Through Click Chemistry**  
Khan B., Nadeem S., Shah M. R., Yousuf S., HODA N.  
LETTERS IN ORGANIC CHEMISTRY, vol.10, no.10, pp.752-757, 2013 (SCI-Expanded)
- VII. **Fabrication of platinum nanoparticles in aqueous solution and solid phase using amphiphilic PB-b-PEO copolymer nanoreactors**  
HODA N., Budama L., Cakir B. A., Topel Ö., Ozisik R.  
MATERIALS RESEARCH BULLETIN, vol.48, no.9, pp.3183-3188, 2013 (SCI-Expanded)
- VIII. **A new strategy for producing antibacterial textile surfaces using silver nanoparticles**  
Budama L., Cakir B. A., TOPEL Ö., HODA N.  
CHEMICAL ENGINEERING JOURNAL, vol.228, pp.489-495, 2013 (SCI-Expanded)
- IX. **Determination of critical micelle concentration of polybutadiene-block-poly(ethyleneoxide) diblock copolymer by fluorescence spectroscopy and dynamic light scattering**

- TOPEL Ö., Cakir B. A., Budama L., HODA N.  
JOURNAL OF MOLECULAR LIQUIDS, vol.177, pp.40-43, 2013 (SCI-Expanded)
- X. **Synthesis of ZnO nanoparticles using PS-b-PAA reverse micelle cores for UV protective, self-cleaning and antibacterial textile applications**  
Cakir B. A., Budama L., TOPEL Ö., HODA N.  
COLLOIDS AND SURFACES A-PHYSICO-CHEMICAL AND ENGINEERING ASPECTS, vol.414, pp.132-139, 2012 (SCI-Expanded)
- XI. **Optimization of Biodiesel Production from Cottonseed Oil by Transesterification Using NaOH and Methanol**  
Hoda N.  
ENERGY SOURCES PART A-RECOVERY UTILIZATION AND ENVIRONMENTAL EFFECTS, vol.32, no.5, pp.434-441, 2010 (SCI-Expanded)
- XII. **Adsorption/electrosorption of catechol and resorcinol onto high area activated carbon cloth**  
BAYRAM E., HODA N., Ayranci E.  
JOURNAL OF HAZARDOUS MATERIALS, vol.168, no.2-3, pp.1459-1466, 2009 (SCI-Expanded)
- XIII. **PHYS 370-Spheric micellization of end functionalized PB-b-PEO**  
HODA N., Ozisik R., Interrante L.  
ABSTRACTS OF PAPERS OF THE AMERICAN CHEMICAL SOCIETY, vol.234, 2007 (SCI-Expanded)
- XIV. **Kinetic and equilibrium studies on the removal of acid dyes from aqueous solutions by adsorption onto activated carbon cloth**  
Hoda N., Bayram E., Ayranci E.  
JOURNAL OF HAZARDOUS MATERIALS, vol.137, no.1, pp.344-351, 2006 (SCI-Expanded)
- XV. **Adsorption kinetics and isotherms of pesticides onto activated carbon-cloth**  
Ayranci E., Hoda N.  
CHEMOSPHERE, vol.60, no.11, pp.1600-1607, 2005 (SCI-Expanded)
- XVI. **Adsorption of benzoic acid onto high specific area activated carbon cloth**  
Ayranci E., Hoda N., Bayram E.  
JOURNAL OF COLLOID AND INTERFACE SCIENCE, vol.284, no.1, pp.83-88, 2005 (SCI-Expanded)
- XVII. **Adsorption of bentazon and propanil from aqueous solutions at the high area activated carbon-cloth**  
Ayranci E., Hoda N.  
CHEMOSPHERE, vol.57, no.8, pp.755-762, 2004 (SCI-Expanded)
- XVIII. **Studies on removal of metribuzin, bromacil, 2,4-D and atrazine from water by adsorption on high area carbon cloth**  
Ayranci E., Hoda N.  
JOURNAL OF HAZARDOUS MATERIALS, vol.112, no.1-2, pp.163-168, 2004 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Biosynthesis of Bimetallic Ag-Au (core-shell) Nanoparticles Using Aqueous Extract of Bay Leaves (Laurus nobilis L.)**  
HODA N., BUDAMA AKPOLAT L., MERT SIVRİ F., Kurtuluş D.  
Journal of the Turkish Chemical Society Section A: Chemistry, vol.8, 2021 (Scopus)
- II. **UTILIZATION OF ACTIVATED CARBON CLOTH FOR CIGARETTE SMOKE FILTRATION**  
HODA N., TOPUZ A., MERT F., TONTUL İ.  
Eurasian Journal of Environmental Research, vol.2, no.1, pp.1-7, 2018 (Peer-Reviewed Journal)
- III. **UTILIZATION OF ACTIVATED CARBON CLOTH FOR CIGARATTE SMOKE FILTRATION**  
HODA N., MERT F., TOPUZ A., TONTUL İ.  
Eurasian Journal of Environmental Research, vol.2, no.1, pp.1-7, 2018 (Peer-Reviewed Journal)

## Books

- I. **Removal of metobromuron pesticide from aqueous solutions by adsorption at high area carbon cloth**  
HODA N., BAYRAM E., AYRANCI E.  
in: Innovations in Chemical Biology, Şener B, Editor, Springer-Verlag Science + Business Media B.V., Amsterdam, pp.225-232, 2009
- II. **Removal of catechol and resorcinol from aqueous solutions by adsorption at high area carbon cloth**  
HODA N., BAYRAM E., AYRANCI E.  
in: Innovations in Chemical Biology, Şener B, Editor, Springer-Verlag Science + Business Media Editions Rodopi B.V., Amsterdam, pp.213-223, 2009

## Papers Published in Refereed Scientific Meetings

- I. **Production of Hydrolyzed Keratin From Turkey Feathers for Cosmetic Uses**  
HODA N., AKAY T. E.  
4.Uluslararası Kozmetik Kongresi, Antalya, Turkey, 4 - 05 December 2020, pp.2
- II. **Synthesis of Magnetic Nanometal Oxides for Electromagnetic Radiation Absorbing Paints**  
Demirci G., Okuyucu S., Hoda N., Topel Ö.  
NanoTR-15, Antalya, Turkey, 3 - 06 November 2019, pp.248
- III. **Adsorption of Methylene Blue Dye onto d Carbon Cloth**  
AKAY T. E., HODA N.  
2. INTERNATIONAL ENVIRONMENTAL CHEMISTRY CONGRESS (ENVİROCHEM), Antalya, Turkey, 1 - 03 November 2019, pp.21
- IV. **SYNTHESIS OF Ag, Au and BIMETALIC Ag-Au NANOPARTICLES USING AQUEOUS TURMERIC EXTRACT**  
HODA N., BUDAMA AKPOLAT L., MERT F., Ambreen N.  
5th International Conference on Materials Science and Nanotechnology For Next Generation (MSNG-2018), Nevşehir, Turkey, 4 - 06 October 2018
- V. **SYNTHESIS OF GOLD NANOPARTICLES USING AQUEOUS TURMERIC EXTRACT**  
HODA N., BUDAMA AKPOLAT L., Demirhan T., Ambreen N.  
13th Nanoscience Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017
- VI. **Şerbetçi otu (Humulus Lupulus L.) ekstraktında Ag nanopartikülleri sentezi ve karakterizasyonu**  
HODA N., BUDAMA AKPOLAT L.  
VI. Ulusal Anorganik Kimya Kongresi, Burdur, Turkey, 18 - 21 May 2017, pp.83
- VII. **SYNTHESIS OF SILVER NANOPARTICLES USING AQUEOUS OLIVE OLEA EUROPAEA L TREE LEAVES EXTRACT**  
HODA N., BUDAMA AKPOLAT L., DEMİRHAN T.  
WORLD CONGRESS ON ENGINEERING AND APPLICATIONS, 16 - 17 December 2016
- VIII. **Gas phase adsorption of dimethyl sulfide on activated carbon cloth GDSEL651**  
HODA N., TOPUZ A., MERT F., BUDAMA AKPOLAT L., EROĞLU E.  
FILTECH, 24 - 26 February 2015
- IX. **Ters miseller içerisinde Ag-TiO<sub>2</sub> nanopartikülleri sentezi ve fonksiyonel tekstil uygulamaları**  
HODA N., BUDAMA AKPOLAT L., TOPEL Ö., ACAR ÇAKIR B.  
27. Ulusal Kimya Kongresi, Çanakkale, Çanakkale, Turkey, 25 - 28 August 2015, pp.611
- X. **Atık sulardaki boya giderimini sağlamak için aktif karbon kumaş kullanımı**  
HODA N., MERT F.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.1
- XI. **Yeşil kimya ile üretilmiş Ag nanopartiküllerinin nanoliflere uygulanması**  
HODA N., Kara F., BUDAMA L., Ambreen N.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.1-2

- XII. **Yeşil kimya ile Au-Ag bimetallik nanopartiküllerinin sentezlenmesi ve nanoliflere uygulanması**  
HODA N., BUDAMA L.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.1-2
- XIII. **Ters Miseller içerisinde Ag-TiO<sub>2</sub> nanopartikülleri sentezi ve fonksiyonel tekstil uygulamaları**  
HODA N., BUDAMA L., TOPEL Ö., Acar Çakır B.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.1
- XIV. **Silika ile modifiye edilmiş Fe<sub>3</sub>O<sub>4</sub> nanopartikül sentezi ve karakterizasyonu**  
HODA N., BUDAMA L., YARBASAN D., GÜNEŞOĞLU C.  
27. Ulusal Kimya Kongresi, Çanakkale, Turkey, 23 - 28 August 2015, pp.1
- XV. **Biogenic synthesis of bimetallic nanoparticles using plant extract and their nanofiber application**  
AMBREEN N., BUDAMA AKPOLAT L., HODA N.  
NANOTR-11, 22 - 25 June 2015
- XVI. **Synthesis and characterization of citric acid and sodium citrate coated Fe<sub>3</sub>O<sub>4</sub> nanoparticles**  
YARBASAN D., BUDAMA AKPOLAT L., HODA N., GÜNEŞOĞLU C.  
NANOTR-11, 22 - 25 June 2015
- XVII. **Aktif karbon kumaşının sigara filtrasyonunda kullanımı**  
HODA N., MERT F., TOPUZ A., TONTUL İ.  
12. ulusal tesisat mühendisliği kongresi, İzmir, Turkey, 8 - 11 April 2015, pp.1
- XVIII. **Aktif karbon kumaşının sigara filtrasyonunda kullanımı**  
HODA N., MERT F., TOPUZ A., TONTUL İ.  
12. ulusal tesisat mühendisliği kongresi, İzmir, Turkey, 8 - 11 April 2015, pp.1
- XIX. **İklimlendirme sistemlerinde iç hava kalitesi için havanın filtrelenmesi**  
HODA N.  
12. ulusal tesisat mühendisliği kongresi, İzmir, Turkey, 8 - 11 April 2015, pp.1
- XX. **GAS PHASE ADSORPTION OF DIMETHYL DISULFIDE ON ACTIVATED CARBON CLOTH GDSEL651**  
HODA N., TOPUZ A., Firdevs M., BUDAMA L., Eroğlu E.  
FILTECH-THE FILTRATION EVENT 2015, 24 - 26 February 2015
- XXI. **Gas Phase Adsorption of Dimethyl Sulfide on Activated Carbon Cloth (GDSEL651)**  
HODA N., TOPUZ A., MERT SİVRİ F., BUDAMA AKPOLAT L., EROĞLU E.  
Filtech 2015, Germany, 24 February 2015
- XXII. **Synthesis of single and bimetallic nanoparticles within PS b PAA reverse micelle cores**  
TOPEL Ö., ACAR ÇAKIR B., BUDAMA L., HODA N.  
European Cost Action MP0903 Nanoalloys, Genoa, Italy, 5 - 09 April 2014, pp.42
- XXIII. **Synthesis of TiO<sub>2</sub> nanoparticles in self assembling reverse micelle cores of PS b PAA for UV Protective and Self cleaning Textile Applications**  
TOPEL Ö., ACAR ÇAKIR B., BUDAMA L., HODA N.  
European Cost Action MP0903 Nanoalloys, Genoa, Italy, 5 - 09 April 2014, pp.91
- XXIV. **Electrosorption of Aromatic Organic Compounds onto Activated Carbon Electrodes for Water Purification**  
BAYRAM E., UYSAL KARATAŞ B., HODA N.  
FILTECH2013, The Filtration Event, Wiesbaden, Germany, 22 - 24 October 2013
- XXV. **Antibacterial HEPA filter using PAN silver nanoparticle hybrid nanofibers WFC11 11th World Filtration Congress Graz Austria April 16 20 2012**  
HODA N., KARAAĞAÇLI M., TOPEL Ö.  
WFC11-11th World Filtration Congress, Graz, Austria, 16 - 20 April 2012
- XXVI. **Synthesis of Ag ZnO nanoparticles within reverse micelles**  
HODA N., BUDAMA L., ACAR B., TOPEL Ö.  
European Cost Action MP0903 Nanoalloys as advanced materials: from structure to properties and applications. Action Conference and MC meeting, Limerick, Ireland, 12 - 14 October 2011, pp.33
- XXVII. **Diblok kopolimer içerisinde Ag nanopartiküllerinin üretimi**  
HODA N., ACAR B., BUDAMA L., TOPEL Ö.

2. Uluslararası katılımlı polimerik kompozitler sempozyum-sergi ve proje pazarı, İzmir, Turkey, 26 - 28 November 2010, pp.246-254

- XXVIII. **Synthesis of platinum nanoparticles within diblock copolymer in liquid and solid phases**  
HODA N., ACAR B., BUDAMA L., TOPEL Ö.  
11th Eurasia Conference on Chemical Sciences., Jordan, 6 - 10 October 2010, pp.114
- XXIX. **INVESTIGATION OF REVERSE MICELLAR SYSTEM OF POLYSTYRENE-BLOCK-POLYACRYLIC ACID IN TOLUENE**  
Acar B., BUDAMA AKPOLAT L., TOPEL Ö., HODA N.  
6. Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 June 2010
- XXX. **Determination of Critical Micelle Concentration (cmc) of PB-b-PEO Diblock Copolymer by Two Different Methods**  
TOPEL Ö., Acar B., BUDAMA AKPOLAT L., HODA N.  
6. Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 June 2010
- XXXI. **Synthesis of Silver Nanoparticles Using Reverse Micelle System**  
BUDAMA AKPOLAT L., Acar B., TOPEL Ö., HODA N.  
6. Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 June 2010
- XXXII. **Synthesis of Silver Nanoparticles Using Reverse Micelle System**  
Budama L., Acar B., Topel Ö., Hoda N.  
6th Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 - 18 June 2010, pp.333
- XXXIII. **Fabrication of Platinum Nanoparticles Using Amphiphilic Copolymer Template**  
HODA N., ACAR B., BUDAMA L., TOPEL Ö.  
6th Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 - 18 June 2010, pp.654
- XXXIV. **Determination of Critical Micelle Concentration cmc of PB b PEO Diblock Copolymer by Two Different Methods**  
TOPEL Ö., ACAR B., BUDAMA L., HODA N.  
6th Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 - 18 June 2010, pp.673
- XXXV. **Investigation of Reverse Micellar System of Polystyrene block polyacrylic acid in toluene**  
ACAR B., BUDAMA L., TOPEL Ö., HODA N.  
6th Nanoscience and Nanotechnology Conference, İzmir, Turkey, 15 - 18 June 2010, pp.676
- XXXVI. **Nanoteknoloji ile Antibakteriyel Kumaş Üretimi**  
TOPEL Ö., HODA N.  
Tekstil ve Konfeksiyon Sektöründe II. Ar-Ge Proje Pazarı Platformu, Bursa, Turkey, 18 February 2010, pp.113-114
- XXXVII. **Removal of Metobromuron Pesticide from Aqueous Solutions by Adsorption at High Area Activated Carbon Cloth**  
HODA N., BAYRAM E., Ayrancı E.  
9th Eurasia Conference on Chemical Sciences, Antalya, Turkey, 9 - 13 September 2006, pp.225-232
- XXXVIII. **Removal of Catechol and Resorcinol from Aqueous Solution by Adsorption onto High Area Activated Carbon Cloth**  
HODA N., BAYRAM E., Ayrancı E.  
9th Eurasia Conference on Chemical Sciences, Antalya, Turkey, 9 - 13 September 2006, pp.213-223
- XXXIX. **Optimization of biodiesel production from cottonseed oil by transesterification using NaOH and methanol**  
HODA N., ERZENGİN M., BUDAMA L.  
10th congress of international mechanization and energy in agriculture, 14 - 17 October 2008
- XL. **Katekol rezorsinol ve hidrokinon izomerlerinin sulu çözeltilerdeki davranışlarının görünür molal hacim genleşebilirlik ve sıkıştırılabilirlik özellikleriyle incelenmesi**  
BAYRAM E., HODA N., AYRANCI E.  
XX. Ulusal Kimya Kongresi, Kayseri, Turkey, 4 - 09 September 2006

## Supported Projects

HODA N., Industrial Thesis Project, Koku yayılımını önleyen, antibakteriyel etkili, kronik yaraların iyileşmesini hızlandıran yara örtüsü üretimi, 2015 - Continues

HODA N., Project Supported by Other Official Institutions, Tarımda Nanoteknolojik Devrim: Akıllı Gübre, 2010 - 2011

HODA N., TÜBİTAK Project, DİBLOK KOPOLİMER KALIBI KULLANARAK NANOPARTİKÜL SENTEZİ VE NANOPARTİKÜLLERİN TEKSTİL UYGULAMALARI, 2009 - 2011

## Patent

Hoda N., Demir Dora D., ALTIN-GÜMÜŞ NANOPARTİKÜLLERİNİN PELARGONİUM SİDOİDES KÖKÜ EKSTRAKTINDA SENTEZİ VE BUNLARIN SOLÜSYONLARININ KULLANIMLARI, Patent, CHAPTER A Human Needs, The Invention Registration Number: 2019 04590 , Standard Registration, 2023

## Metrics

Publication: 66

Citation (WoS): 913

Citation (Scopus): 1102

H-Index (WoS): 10

H-Index (Scopus): 10

## Awards

HODA N., Uludağ Tekstil ve İhracatçılar birliği uluslararası ar-ge proje pazarı, Uludağ Tekstil ve İhracatçılar birliği, April 2017

HODA N., Uludağ Tekstil ve İhracatçılar birliği uluslararası ar-ge proje pazarı, Uludağ Tekstil ve İhracatçılar birliği, May 2016

HODA N., Uludağ Tekstil ve İhracatçılar birliği uluslararası ar-ge proje pazarı, Uludağ Tekstil ve İhracatçılar birliği, April 2015