

Asst. Prof. RECEP YÜKSEL

Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: AAE-7886-2019

ScopusID: 56380455800

Yoksis Researcher ID: 183020

Education Information

Doctorate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Mikro Ve Nanoteknoloji Anabilim Dalı (Disiplinlerarası), Turkey 2011 - 2017

Postgraduate, Middle East Technical University, Graduate School Of Natural And Applied Sciences, Kimya (YI) (Tezli), Turkey 2008 - 2011

Undergraduate, Middle East Technical University, Faculty Of Education, Matematik Ve Fen Bilimleri Eğitimi Bölümü, Turkey 2002 - 2008

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Development of supercapacitors with one dimensional nanomaterials, Middle East Technical University, Görme Engelliler Eğitimi Abd, Mikro Ve Nanoteknoloji Anabilim Dalı (Disiplinlerarası), 2017

Postgraduate, Sensitive and quantitative determination of cysteine by surface enhanced Raman spectrometry based on their induced aggregates of gold and silver nanostructures, Middle East Technical University, Görme Engelliler Eğitimi Abd, Kimya (YI) (Tezli), 2011

Research Areas

Material science and engineering, Chemistry

Academic Titles / Tasks

Assistant Professor, Eskişehir Osmangazi University, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 2020 - Continues

Research Assistant, Middle East Technical University, Graduate School Of Natural And Applied Sciences, 2010 - 2017

Academic and Administrative Experience

Deputy Head of Department, Eskisehir Osmangazi University, FEN FAKÜLTESİ, KİMYA BÖLÜMÜ, 2021 - 2022

Courses

Genel Kimya, Associate Degree, 2020 - 2021

Genel Kimya, Associate Degree, 2020 - 2021

KİMYADA MATEMATİKSEL YÖNTEMLER, Undergraduate, 2020 - 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **On the Dendrite-Suppressing Effect of Laser-Processed Polylactic Acid-Derived Carbon Coated Zinc Anode in Aqueous Zinc Ion Batteries**
ABOUALI M., Adhami S., Haris S. A., YÜKSEL R.
Angewandte Chemie - International Edition, vol.63, no.28, 2024 (SCI-Expanded)
- II. **High energy density biomass-derived activated carbon materials for sustainable energy storage**
YÜKSEL R., KARAKEHYA N.
Carbon, vol.221, 2024 (SCI-Expanded)
- III. **Aloe Vera-Based Green and Sustainable Electrolyte for Zinc Ion Batteries**
YÜKSEL R.
Advanced Sustainable Systems, 2024 (SCI-Expanded)
- IV. **Ultralong-Life Quinone-Based Porous Organic Polymer Cathode for High-Performance Aqueous Zinc-Ion Batteries**
Buyukcakil O., YÜKSEL R., Begar F., Erdogmus M., Arsakay M., Lee S. H., Kim S. O., Ruoff R. S. S.
ACS APPLIED ENERGY MATERIALS, vol.6, no.14, pp.7672-7680, 2023 (SCI-Expanded)
- V. **Microporous N-Doped Carbon Obtained from Salt Melt Pyrolysis of Chitosan toward Supercapacitor and Oxygen Reduction Catalysts**
Rybarczyk M. K., Cysewska K., YÜKSEL R., Lieder M.
Nanomaterials, vol.12, no.7, 2022 (SCI-Expanded)
- VI. **Lithium Accommodation in a Redox-Active Covalent Triazine Framework for High Areal Capacity and Fast-Charging Lithium-Ion Batteries**
Buyukcakil O., Ryu J., Joo S. H., Kang J., YÜKSEL R., Lee J., Jiang Y., Choi S., Lee S. H., Kwak S. K., et al.
ADVANCED FUNCTIONAL MATERIALS, vol.30, no.36, 2020 (SCI-Expanded)
- VII. **Metal-Organic Framework Integrated Anodes for Aqueous Zinc-Ion Batteries**
YÜKSEL R., Buyukcakil O., Seong W. K., Ruoff R. S.
ADVANCED ENERGY MATERIALS, vol.10, no.16, 2020 (SCI-Expanded)
- VIII. **Necklace-like Nitrogen-Doped Tubular Carbon 3D Frameworks for Electrochemical Energy Storage**
YÜKSEL R., Buyukcakil O., Panda P. K., Lee S. H., Jiang Y., Singh D., Hansen S., Adelung R., Mishra Y. K., Ahuja R., et al.
ADVANCED FUNCTIONAL MATERIALS, vol.30, no.10, 2020 (SCI-Expanded)
- IX. **Stretchable/flexible silver nanowire electrodes for energy device applications**
Jung J., Cho H., YÜKSEL R., Kim D., Lee H., Kwon J., Lee P., Yeo J., Hong S., ÜNALAN H. E., et al.
NANOSCALE, vol.11, no.43, pp.20356-20378, 2019 (SCI-Expanded)
- X. **Synthesis of Porous Covalent Quinazoline Networks (CQNs) and Their Gas Sorption Properties**
Buyukcakil O., YÜKSEL R., Jiang Y., Lee S. H., Seong W. K., Chen X., Ruoff R. S.
ANGEWANDTE CHEMIE-INTERNATIONAL EDITION, vol.58, no.3, pp.872-876, 2019 (SCI-Expanded)
- XI. **Vertically aligned carbon nanotube - Polyaniline nanocomposite supercapacitor electrodes**
AYDINLI A., YÜKSEL R., ÜNALAN H. E.
INTERNATIONAL JOURNAL OF HYDROGEN ENERGY, vol.43, no.40, pp.18617-18625, 2018 (SCI-Expanded)
- XII. **All-carbon hybrids for high performance supercapacitors**
YÜKSEL R., Kaplan B. Y., Bicer E., Yurum A., Gursel S. A., ÜNALAN H. E.

- INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.42, no.11, pp.3575-3587, 2018 (SCI-Expanded)
- XIII. **A Novel Blue to Transparent Polymer for Electrochromic Supercapacitor Electrodes**
YÜKSEL R., Ekber A., Turan J., Alpugan E., Hacıoglu S. O., TOPPARE L. K., ÇIRPAN A., Gunbas G., ÜNALAN H. E.
ELECTROANALYSIS, vol.30, no.2, pp.266-273, 2018 (SCI-Expanded)
- XIV. **Paper Based, Expanded Graphite/Polypyrrole Nanocomposite Supercapacitors Free from Binders and Current Collectors**
YÜKSEL R., Uysal N., AYDINLI A., ÜNALAN H. E.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.165, no.2, 2018 (SCI-Expanded)
- XV. **Coaxial silver nanowire/polypyrrole nanocomposite supercapacitors**
YÜKSEL R., Alpugan E., ÜNALAN H. E.
ORGANIC ELECTRONICS, vol.52, pp.272-280, 2018 (SCI-Expanded)
- XVI. **A New High-Performance Blue to Transmissive Electrochromic Material and Use of Silver Nanowire Network Electrodes as Substrates**
YÜKSEL R., Ataoglu E., Turan J., Alpugan E., Hacıoglu S. O., TOPPARE L. K., ÇIRPAN A., ÜNALAN H. E., GÜNBAŞ E. G.
JOURNAL OF POLYMER SCIENCE PART A-POLYMER CHEMISTRY, vol.55, no.10, pp.1680-1686, 2017 (SCI-Expanded)
- XVII. **A novel approach for the fabrication of a flexible glucose biosensor: The combination of vertically aligned CNTs and a conjugated polymer**
Gokoglan T. C., Soylemez S., Kesik M., Dogru I. B., Turel O., YÜKSEL R., ÜNALAN H. E., TOPPARE L. K.
FOOD CHEMISTRY, vol.220, pp.299-305, 2017 (SCI-Expanded)
- XVIII. **Enhancing capacitive deionization technology as an effective method for water treatment using commercially available graphene**
Dursun D., Ozkul S., YÜKSEL R., ÜNALAN H. E.
WATER SCIENCE AND TECHNOLOGY, vol.75, no.3, pp.643-649, 2017 (SCI-Expanded)
- XIX. **Manganese dioxide nanowires on carbon nanofiber frameworks for efficient electrochemical device electrodes**
Saito Y., Meguro M., Ashizawa M., Waki K., YÜKSEL R., ÜNALAN H. E., Matsumoto H.
RSC ADVANCES, vol.7, no.20, pp.12351-12358, 2017 (SCI-Expanded)
- XX. **Paper Based Glucose Biosensor Using Graphene Modified with a Conducting Polymer and Gold Nanoparticles**
Gokoglan T. C., Kesik M., Soylemez S., YÜKSEL R., ÜNALAN H. E., TOPPARE L. K.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.164, no.6, 2017 (SCI-Expanded)
- XXI. **Silver Nanowire/Conducting Polymer Nanocomposite Electrochromic Supercapacitor Electrodes**
YÜKSEL R., Coskun Ş., Gunbas G., ÇIRPAN A., TOPPARE L. K., ÜNALAN H. E.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.164, no.4, 2017 (SCI-Expanded)
- XXII. **Cobalt Oxide Nanoflakes on Single Walled Carbon Nanotube Thin Films for Supercapacitor Electrodes**
DURUKAN M. B., YÜKSEL R., ÜNALAN H. E.
ELECTROCHIMICA ACTA, vol.222, pp.1475-1482, 2016 (SCI-Expanded)
- XXIII. **Flexible, silver nanowire network nickel hydroxide core-shell electrodes for supercapacitors**
YÜKSEL R., Coskun Ş., KALAY Y. E., ÜNALAN H. E.
JOURNAL OF POWER SOURCES, pp.167-173, 2016 (SCI-Expanded)
- XXIV. **Coaxial silver nanowire network core molybdenum oxide shell supercapacitor electrodes**
Yüksel R., Coşkun Ş., Ünalán H. E.
Electrochimica Acta, vol.193, pp.39-44, 2016 (SCI-Expanded)
- XXV. **Ternary nanocomposite SWNT/WO₃/PANI thin film electrodes for supercapacitors**
Yüksel R., DURUCAN C., ÜNALAN H. E.
JOURNAL OF ALLOYS AND COMPOUNDS, vol.658, pp.183-189, 2016 (SCI-Expanded)
- XXVI. **Textile supercapacitors-based on MnO₂/SWNT/conducting polymer ternary composites**
Yüksel R., ÜNALAN H. E.
INTERNATIONAL JOURNAL OF ENERGY RESEARCH, vol.39, no.15, pp.2042-2052, 2015 (SCI-Expanded)

- XXVII. **All-Organic Electrochromic Supercapacitor Electrodes**
Yuksel R., Cevher S. C., ÇIRPAN A., TOPPARE L. K., ÜNALAN H. E.
JOURNAL OF THE ELECTROCHEMICAL SOCIETY, vol.162, no.14, 2015 (SCI-Expanded)
- XXVIII. **Transparent and Flexible Supercapacitors with Single Walled Carbon Nanotube Thin Film Electrodes**
Yuksel R., Sarioba Z., ÇIRPAN A., Hiralal P., ÜNALAN H. E.
ACS APPLIED MATERIALS & INTERFACES, vol.6, no.17, pp.15434-15439, 2014 (SCI-Expanded)

Refereed Congress / Symposium Publications in Proceedings

- I. **cZIF-67/MXene Nanocomposite as a Sulfur Host Material for High-Performance Li-S Batteries**
Yüksel R.
17. Nanobilim ve Nanoteknoloji Konferansı (NANOTR-17), İzmir, Turkey, 27 - 30 August 2023, pp.272
- II. **High-Performance Li-S Batteries Through Advanced ZIF-Derived Carbon Decorated with 2D MXene**
Yüksel R.
European Materials Research Society 2023 Spring Meeting, Strasbourg, France, 29 May - 02 June 2023, pp.1
- III. **Vanadium Dioxide Cathode Electrodes for Aqueous Zn Ion Batteries**
Yüksel R.
NANOTR-16 (16th Nanoscience and Nanotechnology Conference), Ankara, Turkey, 5 - 08 September 2022
- IV. **Molybdenum-doped VO₂ Cathodes for Aqueous Zinc Ion Batteries**
Aydoğdu B., Aydın S., Yüksel R.
NANOTR-16 (16th Nanoscience and Nanotechnology Conference), Ankara, Turkey, 5 - 08 September 2022
- V. **Synthesis of Double Transition Metal (Ti₂Nb)AlC₂ MAX Phase and Its Derivative (Ti₂Nb)C₂T_x MXene**
Tuzluca Yeşilbağ F. N., Yeşilbağ Y. Ö., Coşkun Ş., Yüksel R., Ertuğrul M.
NANOTR-16 (16th Nanoscience and Nanotechnology Conference), Ankara, Turkey, 5 - 08 September 2022
- VI. **c-ZIF-8/rGO nanocomposite host for Li-S Batteries**
Aydoğan A., Esmaeli Azar A., Yüksel R.
NANOTR-16 (16th Nanoscience and Nanotechnology Conference) , Ankara, Turkey, 5 - 08 September 2022
- VII. **Tungsten-doped Vanadium Dioxide Cathodes for Aqueous Zinc Ion Batteries**
Aydın S., Aydoğdu B., Yüksel R.
NANOTR-16 (16th Nanoscience and Nanotechnology Conference), Ankara, Turkey, 5 - 08 September 2022
- VIII. **Synthesis of Transition Metal Fe₂AlB₂ MAB Phase via High-Temperature Sintering Method**
Tuzluca Yeşilbağ F. N., Yeşilbağ Y. Ö., Coşkun Ş., Yüksel R., Ertuğrul M.
NANOTR-16 (16th Nanoscience and Nanotechnology Conference), Ankara, Turkey, 5 - 08 September 2022
- IX. **Silver Nanowire Networks as Supercapacitor Electrodes**
YÜKSEL R., COŞKUN Ş., ÜNALAN H. E.
7TH INTERNATIONAL SYMPOSIUM ON TRANSPARENT CONDUCTIVE MATERIALS, 14 - 19 October 2018
- X. **Silver Nanowires for Supercapacitor Electrodes**
YÜKSEL R., COŞKUN Ş., ÜNALAN H. E.
MRS Fall Meeting 2017, 26 November 2017
- XI. **Single Walled Carbon Nanotube Thin Films Decorated with Cobalt Oxide Nanoflakes for Supercapacitor Electrodes**
DURUKAN M. B., YÜKSEL R., ÜNALAN H. E.
MES-IS 2017 (2nd International Symposium on Materials for Energy Storage and Conversion), Turkey, 26 September 2017
- XII. **Carbon Nanotube - Polyaniline Nanocomposite Supercapacitor Electrodes**
AYDINLI A., YÜKSEL R., ÜNALAN H. E.
MES-IS 2017 (2nd International Symposium on Materials for Energy Storage and Conversion), Turkey, 25 - 28 September 2017
- XIII. **Single Walled Carbon Nanotube Thin Films Decorated with Cobalt Oxide Nanoflakes for Supercapacitor Electrode**

DURUKAN M. B., YÜKSEL R., ÜNALAN H. E.

mESC-IS 2017 2nd International Symposium on Materials for Energy Storage and Conversion, 26 - 28 September 2017

- XIV. **Selective Removal of Monovalent and Divalent Ions via Capacitive Deionization Process**
Ozkul S., DURSUN BALCI D., YÜKSEL R., ÜNALAN H. E.
9th Eastern European Young Water Professionals Conference (The International Water Association), 24 - 27 May 2017
- XV. **Polypyrrole - Graphene Nanocomposite Supercapacitors on Paper**
YÜKSEL R., ÜNALAN H. E.
E-MRS (European Materials Research Society) Spring 2017, 22 - 26 May 2017
- XVI. **Polypyrrole Coated Silver Nanowire Supercapacitors**
YÜKSEL R., ÜNALAN H. E.
TMS (The Minerals, Metals Materials Society), 26 February - 02 March 2017
- XVII. **Utilization of Silver Nanowires in Supercapacitors**
YÜKSEL R., ÜNALAN H. E.
TMS (The Minerals, Metals Materials Society), 26 February - 02 March 2017
- XVIII. **Vertically Aligned Carbon Nanotube Polyaniline Nanocomposite Electrodes for Supercapacitors**
AYDINLI A., YÜKSEL R., ÜNALAN H. E.
Materials Research Society 2016 Fall, 27 November - 03 December 2016
- XIX. **Graphene Polypyrrole Nanocomposite Electrodes for Paper Based Supercapacitors**
AYDINLI A., YÜKSEL R., ÜNALAN H. E.
Materials Research Society 2016 Fall, 27 November - 03 December 2016
- XX. **SILVER NANOWIRE POLYPYRROLE NANOCOMPOSITES FOR SUPERCAPACITORS**
YÜKSEL R., alpugan e., ÜNALAN H. E.
Materials Research Society 2016 Fall, 27 November - 03 December 2016
- XXI. **Silver Nanowire Nickel Hydroxide Nanocomposites for Pseudocapacitors**
YÜKSEL R., COŞKUN Ş., ÜNALAN H. E.
IMMC 2016, İstanbul, Turkey, 29 September - 01 October 2016
- XXII. **Enhancing Capacitive Deionisation Technology as an Effective Method for Water Treatment**
DURSUN BALCI D., Ozkul S., YÜKSEL R., ÜNALAN H. E.
LET 2016 (The 13th IWA Leading Edge Conference on Water and Wastewater Technologies'), 13 - 16 June 2016
- XXIII. **0 ve 1 Boyutlu Gümüş Nanoyapıların Yüzeyde Güçlendirilmiş Raman Saçılması Aktivitesinin Karşılaştırılması**
ÖZGE D., YÜKSEL R., ÜNALAN H. E., BEK A.
21. Yoğun Madde Fiziği Ankara Toplantısı, Turkey, 25 December 2015
- XXIV. **Çok Katmanlı ve Düşük Boyutlu Plazmonik Nanoyapıların Optik Özellikleri**
Ezgi A., YÜKSEL R., ÜNALAN H. E., BEK A.
21. Yoğun Madde Fiziği Ankara Toplantısı, Turkey, 25 December 2015
- XXV. **Fotovoltaik Malzemelerin Ara Yüzlerinin Kendiliğinden Oluşumlu Plazmonik Nano Yapılarla Kontrollü Oranda Kaplanması**
GİZEM B., YÜKSEL R., ÜNALAN H. E., BEK A.
21. Yoğun Madde Fiziği Ankara Toplantısı, Turkey, 25 December 2015
- XXVI. **Silver Nanowire Molybdenum Oxide Nanocomposites For Supercapacitors**
YÜKSEL R., COŞKUN Ş., ÜNALAN H. E.
Material Research Society Fall Meeting, 29 November - 04 December 2015
- XXVII. **Single Walled Carbon Nanotube Cobalt Oxide Nanocomposites as Supercapacitor Electrode Materials**
DURUKAN M. B., YÜKSEL R., ÜNALAN H. E.
Material Research Society Fall Meeting, 29 November - 04 December 2015
- XXVIII. **Silver Nanowire Molybdenum Oxide Nanocomposite Electrodes for Flexible Supercapacitors**
YÜKSEL R., COŞKUN Ş., DURUCAN C., ÜNALAN H. E.
MRS Fall Meeting' 2015, 29 November - 04 December 2015

- XXIX. **Silver Nanowire Molybdenum Oxide Nanocomposite Electrodes for Flexible Supercapacitors MM5 01**
YÜKSEL R., COŞKUN Ş., DURUCAN C., ÜNALAN H. E.
MRS Fall' 2015 USA, 29 November - 04 December 2015
- XXX. **Carbon nanotube conducting polymer electrodes for electrochromic supercapacitors**
YÜKSEL R., ÇIRPAN A., ÜNALAN H. E.
International Symposium on Materials for Energy Storage and Conversion, Turkey, 7 - 09 September 2015
- XXXI. **Carbon nanotube cobalt oxide nanocomposites for high performance supercapacitors**
DURUKAN M. B., YÜKSEL R., ÜNALAN H. E.
International Symposium on Materials for Energy Storage and Conversion, Turkey, 7 - 09 September 2015
- XXXII. **Coaxial Capacitors with ALD Deposited Alumina on Silver Nanowires 13**
YÜKSEL R., COŞKUN Ş., Hamit E., Sağkal S., BIYIKLI N., ÜNALAN H. E.
ALD 2015, 28 June - 01 July 2015
- XXXIII. **Textile Based Ternary Nanocomposite Supercapacitors**
YÜKSEL R., Zeynep S., ÜNALAN H. E.
TMS 2015 144th ANNUAL MEETING EXHIBITION, 15 - 19 March 2015
- XXXIV. **Flexible Textile Based Ternary Nanocomposite Supercapacitors**
YÜKSEL R., ÜNALAN H. E.
MRS (Materials Research Society) Fall 2014, 30 November - 05 December 2014
- XXXV. **Carbon Nanotube - Tungsten Oxide - Polyaniline Ternary Nanocomposite Electrodes for Supercapacitors**
YÜKSEL R., DURUCAN C., ÜNALAN H. E.
MRS (Materials Research Society) Fall 2014, 30 November - 05 December 2014
- XXXVI. **Transparent and Flexible Vacuum Filtered Single Walled Carbon Nanotube Thin Film Supercapacitors**
YÜKSEL R., Sarioba Z., ÜNALAN H. E.
MRS (Materials Research Society) Fall 2014, 30 November - 05 December 2014
- XXXVII. **Transparent and Flexible SWNT Thin Film Supercapacitors**
YÜKSEL R., ÜNALAN H. E.
Turkish - German Conference On Energy Technologies, Turkey, 13 - 15 October 2014
- XXXVIII. **Single Walled Carbon Nanotube Thin Film Electrodes for Transparent and Flexible Supercapacitors**
YÜKSEL R., ÜNALAN H. E.
IMRC (International Materials Research Congress), 17 - 21 August 2014
- XXXIX. **Transparent and Flexible Supercapacitor Electrodes Using SWNT Thin Films**
YÜKSEL R., ÜNALAN H. E.
• NANO TR 10 (10. Ulusal Nanobilim ve Nanoteknoloji Konferansı), Turkey, 17 - 21 June 2014
- XL. **Textile Based Supercapacitors Using SWNTs/Manganese Oxide/PEDOT:PSS**
YÜKSEL R., ÜNALAN H. E.
NANO TR 10 (10. Ulusal Nanobilim ve Nanoteknoloji Konferansı), Turkey, 17 - 21 June 2014
- XLI. **Silicon Nanowire-Single Walled Carbon Nanotube Hybrid Electrodes for Supercapacitors with Gel Electrolyte**
YÜKSEL R., Mulazimoglu E., ÜNALAN H. E.
MRS (Materials Research Society) Fall 2013, 1 - 06 December 2013

Supported Projects

Yüksel R., TÜBİTAK International Bilateral Joint Cooperation Program Project, Development of Fiber-Based Zinc Ion Batteries with Two Dimensional Nanomaterials, 2023 - 2025

Yüksel R., TUBITAK Project, Yeni Nesil Anotlar İle Yüksek Performanslı Sulu Çinko İyon Bataryalar (2247-D), 2022 - 2025

Tuzluca Yeşilbağ F. N., Yeşilbağ Y. Ö., Coşkun Ş., Yüksel R., TUBITAK Project, (Ti₂Nb)C₂ sıralı faz MXene ve Fe₂B₂, Mn₂B₂

MBene yapıların sentezi ve Hibrit SC-LIB uygulamalarının araştırılması, 2021 - 2025

ANIK M., DEMİR KIVRAK H., YÜKSEL R., COŞKUN Ş., LÖKÇÜ E., ÖZDEN R. C., Project Supported by Higher Education Institutions, Lityum İyon Oksijen Bataryanın FotoAkım Yardımlı Şarjı İçin Etkin FotoElektrotların Geliştirilmesi, 2022 - 2024

Yüksel R., TUBITAK Project, Isı İle Aktifleşen Vanadyum Dioksit Temelli Malzemeler İle Sulu Çinko İyon Bataryaların Geliştirilmesi, 2022 - 2024

YÜKSEL R., COŞKUN Ş., YEŞİLEL O. Z., AYDOĞAN A., Project Supported by Higher Education Institutions, MOF-İki Boyutlu İletken Nanoyapılar ile Kompozit Kükürt Katot Üretimi, Karakterizasyonu ve Lityum-Sülfür Bataryalarda Kullanımı, 2021 - 2023

Ünalın H. E., TUBITAK Project, Karbon Nanotüplerle Süperkapasitörlerin Geliştirilmesi, 2014 - 2018

Yüksel R., Akkaş S. B., H2020 Project, SCIENCEatHOME, 2016 - 2016

YÜKSEL R., Project Supported by Higher Education Institutions, SUDAN İYONLARIN GİDERİLMESİ İÇİN KAPASİTİF DEİYONİZASYON YÖNTEMİNİN GELİŞTİRİLMESİ, 2016 - 2016

YÜKSEL R., Project Supported by Higher Education Institutions, METAL OKSİT TEMELLİ SÜPERKAPASİTÖRLERİN GELİŞTİRİLMESİ VE KARAKTERİZASYONU, 2015 - 2015

YÜKSEL R., Project Supported by Higher Education Institutions, KARBON TEMELLİ SÜPERKAPASİTÖRLERİN GELİŞTİRİLMESİ VE KARAKTERİZASYONU, 2013 - 2014

Scientific Refereeing

ENERGY STORAGE MATERIALS, SCI Journal, April 2020

Metrics

Publication: 70

Citation (WoS): 1314

Citation (Scopus): 1394

H-Index (WoS): 20

H-Index (Scopus): 20

Awards

Yüksel R., 2016 – 2017 ÖĞRETİM YILI ODTÜ YILIN DOKTORA TEZİ ÖDÜLÜ, Odtü Prof. Dr. Mustafa N.Parlar Eğitim Ve Araştırma Vakfı, September 2017

Non Academic Experience

Korea Advanced Institute of Science and Technology
Institute for Basic Science, South Korea