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International Researcher IDs

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Publons / Web Of Science ResearcherID: DTR-1715-2022

Yoksis Researcher ID: 20853

Education

Doctorate, Karlsruhe Institute Of Technology, Institut Für Technische Chemie-Chemische Physikalische Verfahren, Germany 2004 - 2007

Postgraduate, Akdeniz University, Institute Of Science, Kimya, Turkey 1999 - 2001

Undergraduate, Akdeniz University, Faculty Of Science, Kimya, Turkey 1994 - 1998

Foreign Languages

German, B1 Intermediate

English, B2 Upper Intermediate

Certificates, Courses and Trainings

Vocational Course, Seminar with Practice, DECHEMA Frankfurt, 2003

Vocational Course, Radioisotope course, Forschungszentrum Karlsruhe, 2003

Other, International Seminar with Practice, Universitaet Karlsruhe, 2003

Dissertations

Doctorate, Kinetic investigation of the Water-Gas Shift Reaction at Hydrothermal Conditions, Universitat Karlsruhe, Institut für Technische Chemie-Chemische Physikalische Verfahren, 2007

Research Areas

Engineering and Technology

Academic Positions

Associate Professor, Recep Tayyip Erdogan University, MÜHENDİSLİK VE MİMARLIK FAKÜLTESİ, ENERJİ SİSTEMLERİ MÜHENDİSLİĞİ, 2022 - Continues

Assistant Professor, Recep Tayyip Erdogan University, MÜHENDİSLİK VE MİMARLIK FAKÜLTESİ, ENERJİ SİSTEMLERİ MÜHENDİSLİĞİ, 2018 - 2022

Assistant Professor, Recep Tayyip Erdogan University, Mühendislik Fakültesi, Enerji Sistemleri Mühendisliği Bölümü, 2013 - 2018

Academic and Administrative Experience

Assistant Director of the Institute, Recep Tayyip Erdogan University, Fen Bilimleri Enstitüsü, 2017 - 2020

Courses

Postgraduate

Elektrokimyasal çevrim ve enerji depolama, Postgraduate, 2016 - 2017

Enerji için Bor, Postgraduate, 2016 - 2017

yakıt pilleri, Postgraduate, 2015 - 2016

Biyoenjerji, Postgraduate, 2015 - 2016

Undergraduate

Yakıtlar ve Yanma, Undergraduate, 2019 - 2020

Enerji Sistemleri Mühendisliğine Giriş, Undergraduate, 2019 - 2020

iklim değışikliğı, Undergraduate, 2017 - 2018

Mühendislik Termodinamiğı, Undergraduate, 2017 - 2018

Proje ve Kalite yönetimi, Undergraduate, 2016 - 2017

Supervised Theses

Akgül G., Biyokütle temelli karbon yarı iletken enerji depolama malzemelerinin geliştirilmesi ve diyot uygulamaları, Postgraduate, S.Sözer(Student), 2021

Akgül G., Bor katkılı ve biyokütle temelli karbon süperkapasitör enerji depolama malzemelerinin geliştirilmesi, Postgraduate, A.Gündoğdu(Student), 2021

Akgül G., Çay atığı biyokütlesinden türetilen biyokömürün yüksek performans karbon olarak süperkapasitör uygulamalarına uygunluğunun araştırılması, Postgraduate, T.Bolat(Student), 2020

AKGÜL G., Çay atığı biyokütlesinden türetilen biyokömürün yüksek performans karbon olarak transistör uygulamalarına uygunluğunun araştırılması, Postgraduate, S.Nur(Student), 2019

AKGÜL G., Biyokömür Yakıtı Kullanılan Doğrudan Karbon Yakıt Pili'nin Modellenmesi, Postgraduate, F.Gül(Student), 2019

Jury Memberships

Post Graduate, tez savunma, Cumhuriyet Üniversitesi, January, 2013

Journal articles indexed in SCI, SSCI, and AHCI

I. Semi-conductive carbon from industrial tea waste biomass for a p-n junction

Akgül G., Tomakin M., Erkaya H. H.

BIOMASS CONVERSION AND BIOREFINERY, vol.15, pp.5327-5337, 2025 (SCI-Expanded)

II. Chemically exfoliated refined carbon from industrial tea waste for capacitive energy storage.

Güngör A., Akgül G., Bakan Mısırlıoğlu F., Erdem E.

PHYSICA SCRIPTA, vol.1, no.1, pp.1, 2024 (SCI-Expanded)

- III. **Sustainable graphitic carbon from biomass to be suitable for technological devices**
AKGÜL G.
Turkish Journal of Chemistry, vol.47, no.6, pp.1380-1388, 2023 (SCI-Expanded)
- IV. **Improving the Electrochemical Energy Storage Capacity of the Renewable Carbon Derived from Industrial Tea Waste**
Karamustafa A., Sozer S., OSKAY K. O., Buldu-Akturk M., Erdem E., AKGÜL G.
RUSSIAN JOURNAL OF ELECTROCHEMISTRY, vol.58, no.9, pp.844-854, 2022 (SCI-Expanded)
- V. **Adaptive neuro-fuzzy interference system modelling for chlorpyrifos removal with walnut shell biochar**
Tulun Ş., Akgül G., Alver A., Çelebi H.
Arabian Journal of Chemistry, vol.14, no.12, pp.103443, 2021 (SCI-Expanded)
- VI. **Supercritical conversion of wastes from wine industry: Effects of concentration, temperature and group 1A carbonates**
Gökkaya D., Akgül G., Sağlam M., Yüksel M., Ballice L.
Journal Of Supercritical Fluids, vol.176, no.176, pp.105319, 2021 (SCI-Expanded)
- VII. **Optical and electrical properties of refined carbon derived from industrial tea waste**
Akgul G., Bicakci S. N.
MATERIALS RESEARCH EXPRESS, vol.7, no.4, 2020 (SCI-Expanded)
- VIII. **Biochar-iron composites as electromagnetic interference shielding material**
Akgul G., Demir B., Gundogdu A., TÜRK A. S., Sozer S.
MATERIALS RESEARCH EXPRESS, vol.7, no.1, 2020 (SCI-Expanded)
- IX. **Valorization of Tea-Waste Biochar for Energy Storage**
Akgul G., Iglesias D., Ocon P., Moreno Jimenez E.
BIOENERGY RESEARCH, vol.12, no.4, pp.1012-1020, 2019 (SCI-Expanded)
- X. **Modification of tea biochar with Mg, Fe, Mn and Al salts for efficient sorption of PO₄³⁻ and Cd²⁺ from aqueous solutions**
Akgul G., Maden T. B., Diaz E., Moreno Jimenez E.
JOURNAL OF WATER REUSE AND DESALINATION, vol.9, no.1, pp.57-66, 2019 (SCI-Expanded)
- XI. **Biochar modification to enhance sorption of inorganics from water**
Sizmur T., Fresno T., Akgul G., Frost H., Moreno-Jimenez E.
BIORESOURCE TECHNOLOGY, vol.246, pp.34-47, 2017 (SCI-Expanded)
- XII. **A biochar-modified carbon paste electrode**
Bal Altuntas D., Akgul G., YANIK J., ANIK Ü.
TURKISH JOURNAL OF CHEMISTRY, vol.41, no.3, pp.455-465, 2017 (SCI-Expanded)
- XIII. **Modification of natural zeolite with NaOH for removal of manganese in drinking water**
ATEŞ A., Akgul G.
POWDER TECHNOLOGY, vol.287, pp.285-291, 2016 (SCI-Expanded)
- XIV. **Hydrothermal Liquefaction - Upgrading**
Hornung U., Kruse A., Akgul G.
TRANSFORMATION OF BIOMASS: THEORY TO PRACTICE, pp.175-187, 2014 (SCI-Expanded)
- XV. **Supercritical Conversion of Biomass**
Akgul G.
TRANSFORMATION OF BIOMASS: THEORY TO PRACTICE, pp.189-202, 2014 (SCI-Expanded)
- XVI. **Hydrothermal gasification of Rosa Damascena residues: Gaseous and aqueous yields**
Akgul G., GÜNGÖREN MADENOĞLU T., CENGİZ N., GÖKKAYA D., Sağlam M., Yüksel M.
JOURNAL OF SUPERCRITICAL FLUIDS, vol.85, pp.135-142, 2014 (SCI-Expanded)
- XVII. **Hydrothermal disproportionation of formaldehyde at subcritical conditions**
Akgül G., Kruse A.
Journal of Supercritical Fluids, vol.73, pp.43-50, 2013 (SCI-Expanded)

- XVIII. **Influence of salts on the subcritical water-gas shift reaction**
Akgül G., Kruse A.
Journal of Supercritical Fluids, vol.66, pp.207-214, 2012 (SCI-Expanded)
- XIX. **Viscosities, apparent molar volumes, expansivities and isentropic compressibilities of some fatty acids and their triglycerides in benzene at (20, 30, 40 and 60) degrees C**
Akgul G., Bayram E., Ayranci E.
JOURNAL OF SOLUTION CHEMISTRY, vol.35, no.12, pp.1655-1671, 2006 (SCI-Expanded)
- XX. **Apparent molar volumes and viscosities of lauric, palmitic, and stearic acids in 2-butanol at (20, 30, 40, and 60) degrees C**
AYRANCI E., Akgul G.
JOURNAL OF CHEMICAL AND ENGINEERING DATA, vol.48, no.1, pp.56-60, 2003 (SCI-Expanded)

Articles Published in Other Journals

- I. **A PN junction application of renewable carbon derived from tea waste biomass on a silicon substrate**
Akgül G., Sözer S.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.29, no.2, pp.146-150, 2023 (Peer-Reviewed Journal)
- II. **Electrochemical Energy Storage Capacity of Surface Engineered Renewable Carbon Derived from Industrial Tea Waste by HNO₃ and K₂CO₃**
Gökçen Akgül A., OSKAY K. O., Buldu-Akturk M., Karamustafa A., Sözer S., Maden T. B., Erdem E.
Surface Engineering and Applied Electrochemistry, vol.59, no.2, pp.199-209, 2023 (ESCI)
- III. **Çay atıklarından türetilen yüksek performans karbonun transistörde iletim kanal materyali olarak uygulanması**
Bıçakçı S. N., AKGÜL G.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.23, no.3, pp.909-914, 2020 (ESCI)
- IV. **Application of biochar derived from industrial tea waste into the fuel cell-a novel approach**
Akgul G., Turan Z.
PAMUKKALE UNIVERSITY JOURNAL OF ENGINEERING SCIENCES-PAMUKKALE UNIVERSITESI MUHENDISLIK BILIMLERI DERGISI, vol.26, no.1, pp.122-126, 2020 (ESCI)
- V. **ATIK YAĞLARDAN BİYODİZEL ÜRETİMİNDE YENİLİKÇİBİYOKÖMÜR KATALİZÖRÜ**
AKGÜL G., Sözer S., Culfa M.
TÜBAV Bilim Dergisi, vol.10, no.4, pp.29-38, 2017 (Peer-Reviewed Journal)
- VI. **BİYOKÖMÜR: ÜRETİMİ ve KULLANIM ALANLARI**
AKGÜL G.
Selçuk Üniversitesi Mühendislik Bilim ve Teknoloji Dergisi, vol.5, no.4, pp.485-499, 2017 (Peer-Reviewed Journal)
- VII. **Production and characterisation of biochar from tea waste and its nickel removal capacity from aqueous solutions**
AKGÜL G., ATEŞ A., Yasar G., Hatipoglu H.
Progress in Industrial Ecology, vol.11, no.2, pp.105-117, 2017 (Scopus)
- VIII. **Biyokütle Teknolojisi**
ÜÇGÜL İ., AKGÜL G.
YEKARUM e-dergi, vol.1, no.1, pp.3-11, 2010 (Peer-Reviewed Journal)
- IX. **İklimlendirme için Güneş Enerjili Ejektörlü Soğutma Sistemi Uygulamasının Termodinamik Çevresel ve Ekonomik Analizi**
ÜÇGÜL İ., AKGÜL G.
YEKARUM e-dergi, vol.1, no.1, pp.12-23, 2010 (Peer-Reviewed Journal)

Books

- I. **Hydrothermal Liquefaction – Upgrading**
URSEL H., ANDREA K., AKGÜL G.
in: Transformation of Biomass Theory to Practice, Andreas Hornung, Editor, Wiley, pp.175-183, 2014
- II. **Supercritical Conversion of Biomass**
AKGÜL G.
in: Transformation of Biomass Theory to Practice, Andreas Hornung, Editor, Wiley, pp.189-199, 2014

Papers Presented at Peer-Reviewed Scientific Conferences

- I. **Technological carbon from biomass**
Akgül G.
WIRE's 1st Working Groups Workshop, Naples, Italy, 6 - 07 October 2022, pp.1, (Summary Text)
- II. **Biomass derived carbon for electrical energy storage.**
Akgül G., Oskay K. O., Buldu-Aktürk M., Karamustafa A., Sözer S., Erdem E.
bioenergy symposium, Samsun, Turkey, 20 - 21 May 2021, pp.81, (Summary Text)
- III. **Çay Atığı Biyokütlesinden Türetilen Yüksek Performans Karbonun Transistör Uygulamalarına Uygunluğunun Araştırılması**
Bıçakçı S. N., Akgül G.
4th International Energy Engineering Congress, Gaziantep, Turkey, 24 - 25 October 2019, pp.54-55, (Summary Text)
- IV. **Yarı İletken Karbon Materyalin Biyokütleden Geliştirilmesi Ve Diyot Uygulamaları**
Sözer S., Akgül G.
4th International Energy Engineering Congress, Gaziantep, Turkey, 24 - 25 October 2019, (Summary Text)
- V. **Yenilenebilir Karbonun Elektrik Devresinde Uygulanabilirliğinin Araştırılması**
Aydın İ. N., Akgül G.
4th International Energy Engineering Congress, Gaziantep, Turkey, 24 - 25 October 2019, pp.63-64, (Summary Text)
- VI. **Biyokütleden Bor Katkılı Süperkapasitör Enerji Depolama Malzemelerinin Geliştirilmesi**
Gündoğdu A., Akgül G.
4th International Energy Engineering Congress, Gaziantep, Turkey, 24 - 25 October 2019, (Summary Text)
- VII. **Biyokömür Yakıtı Kullanılan Doğrudan Karbon Yakıt Pilinin Modellenmesi**
Nişancı F. G., Akgül G., Ovalı R. V.
4th International Energy Engineering Congress, Gaziantep, Turkey, 24 - 25 October 2019, (Summary Text)
- VIII. **Reduced graphene oxide from industrial tea waste**
Akgül G., Bıçakçı S. N.
COST Action CA 15107 Multicomp Autumn Prague Meeting, Praha, Czech Republic, 12 - 13 September 2019, (Summary Text)
- IX. **Çay atıklarından türetilen amorf karbonun grafen benzeri materyale geliştirilmesi ve transistör uygulaması.**
Bıçakçı S. N., Akgül G.
International Congress of Energy, Economy and Security/ENSCON'xx19-Bahar, İstanbul, Turkey, 20 - 21 March 2019, (Full Text)
- X. **Transformation of Amorphous Carbon Derived from Tea Waste to Graphene-like Carbon**
Akgül G., Fındık S., Yüzüak E.
2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT-18), Ankara, Turkey, 19 - 21 October 2018, pp.17-18, (Summary Text)
- XI. **Valorization of Industrial Tea Waste Biochar in Energy Storage as Graphitic Carbon Material**
Akgül G., Iglesias D., Ocon P., Morenojimenez E., Marchesan S.

COST Bucharest CA 15107 Fall Meeting on Multi-Functional Nano-Carbon Composite Materials, Bucuresti, Romania, 6 - 07 September 2018, (Summary Text)

- XII. **Biochar composites as novel electromagnetic interference shielding materials**
AKGÜL G., Demir B., Gündoğdu A., TÜRK A. S.
International Conference on Physical Chemistry and Functional Materials (PCFM'18), 19 - 21 June 2018, (Summary Text)
- XIII. **Greenhouse gas CO₂ into lithium ion batteries**
AKGÜL G., ÇANKAYA A.
International Conference on Physical Chemistry and Functional Materials (PCFM'18), 19 - 21 June 2018, (Summary Text)
- XIV. **Biochar in Fuel Cell**
AKGÜL G., TURAN Z.
8th International Advanced Technologies Symposium (IATS 17), 19 - 22 October 2017, pp.151, (Summary Text)
- XV. **A Novel Amperometric Glucose Biosensor Based in Biochar -Copper Metallic Composite**
BAL ALTUNTAŞ D., AKGÜL G.
13th International Nanoscience and Nanotechnology Conference, 22 - 25 October 2017, (Summary Text)
- XVI. **A novel amperometric glucose biosensor based on biochar -copper metallic composite**
BAL ALTUNTAŞ D., AKGÜL G.
13th Nanoscience and Nanotechnology Conference, İstanbul, Turkey, 22 - 25 October 2017, pp.366, (Full Text)
- XVII. **Biodiesel production from waste cooking oil using biochar as catalysts**
AKGÜL G., Sözer s., MUSTAFA c., YANIK J., Diaz e., MORENOJÍMENEZ E.
2nd INTERNATIONAL CONFERENCE ON CIVIL AND ENVIRONMENTAL ENGINEERING, 8 - 10 May 2017, pp.1283, (Summary Text)
- XVIII. **Biochar Metallic Nanocomposite Based Glassy Carbon Paste Electrode Glucose Biosensors**
BAL ALTUNTAŞ D., AKGÜL G., MORENO JÍMENEZ E., Diaz E.
3rd International Congress on Biosensors, 5 - 07 October 2016, (Summary Text)
- XIX. **Çay Atıklarından Üretilen Biyokömürlerin Organik Ve İnorganik Kirleticileri Uzaklaştırma Kapasitesi**
AKGÜL G., BAL ALTUNTAŞ D., Bolat Maden T., YANIK J.
Ulusal Biyoyakıtlar Sempozyumu, Turkey, 27 - 30 September 2016, (Full Text)
- XX. **Biochar Modified Carbon Paste Electrode**
BAL ALTUNTAŞ D., AKGÜL G., YANIK J., ANIK Ü.
12th Nanoscience and Nanotechnology Conference, 3 - 05 June 2016, (Summary Text)
- XXI. **PRODUCTION and CHARACTERIZATION of BIOCHAR from TEA WASTE and 1 IT s NICKEL REMOVAL CAPACITY FROM AQUEOUS SOLUTIONS**
AKGÜL G., ATEŞ A., Yaşar G., HATİPOĞLU H.
ICREGA16, 8 - 10 February 2016, (Summary Text)
- XXII. **Biochar from industrial tea wastes**
AKGÜL G.
3rd European Biochar Summer School, 1 - 06 March 2015, (Summary Text)
- XXIII. **Modification of natural zeolite by treatment with NaOH for manganese removal in drinking water**
ATEŞ A., AKGÜL G., UĞUR SAVAŞ T.
2nd International Symposium on Environment and Morality, 24 - 26 October 2014, (Full Text)
- XXIV. **Characterization of Fruit Juice Processing Wastes As Biosorbent For Heavy Metal Removal**
AKGÜL G., TEKİNAY T.
European Workshop on Renewable Energy Systems, 17 - 19 September 2012, (Summary Text)
- XXV. **Isparta Gül Yağı Üretim Atıklarının Hidrotermal Gazlaştırılması**
AKGÜL G., SAGLAM M., YUKSEL M., CENGİZ N., GÖKKAYA D., GÜNGÖREN MADENOĞLU T., ÜÇGÜL İ.
Türkiye Mimarlar Mühendisler Odası Birliği (TMMOB), Kimya Mühendisleri Odası Bursa Şubesi, Yenilenebilir Enerji Kaynağı, Biyokütle Çalıştay ve Sergisi, Turkey, 7 - 08 October 2011, (Summary Text)
- XXVI. **New results on hydrothermal reactions of C1 compounds 2 Disproportionation reactions of formaldehyde**

- AKGÜL G., KRUSE A., Olzmann M.
6th Chemical Engineering Conference for Collaborative Research in Eastern Mediterranean Countries (EMCC-6), 7 - 12 March 2010, (Summary Text)
- XXVII. **The water gas shift reaction in the presence of NaHCO₃ and KHCO₃ in sub critical water**
AKGÜL G., KRUSE A., Olzmann M.
22. Ulusal Kimya Kongresi, Turkey, 6 - 10 October 2008, (Summary Text)
- XXVIII. **The water gas shift reaction in sub critical water Reaction kinetics and modelling**
AKGÜL G., Kruse A., Olzmann M.
Proceedings European congress of Chemical Engineering (ECCE-6), 16 - 20 September 2007, (Summary Text)
- XXIX. **The water gas shift reaction at hydrothermal conditions**
AKGÜL G., KRUSE A., OLAMANN M.
15th European Biomass Conference Exhibition, 7 - 11 May 2007, (Summary Text)
- XXX. **Die Hydrothermale Wasser Gas Shift Reaktion**
AKGÜL G., Kruse A., Olzmann M.
FA-Sitzungen Hochdruckverfahrenstechnik und Mehrphasenströmungen, 7 - 08 March 2007, (Summary Text)
- XXXI. **Untersuchungen zu Reaktionen von Wasserstoff Atomen mit Allen Internationales Seminar für Forschung und Lehre in Chemieingenieurwesen Technischer und Physikalischer Chemie**
AKGÜL G., Bentz T., Giri B., Olzmann M., Striebel F., Unterreiner A.
39. Internationales Seminar Wissenschaftliche Abschlussberichte, 19 July 2004, vol.39, (Full Text)
- XXXII. **Laurik Palmitik ve Stearik asidin 2 Butanol içerisindeki viskozite ve görünür molar hacimlerinin incelenmesi**
AKGÜL G., AYRANCI E.
XV. Ulusal Kimya Kongresi, Turkey, 4 - 07 September 2001, (Summary Text)

Funded Projects

- AKGÜL G., Gündoğdu A., Project Supported by Higher Education Institutions, Bor katkılı ve biyokütle temelli karbon süperkapasitör enerji depolama malzemelerinin geliştirilmesi, 2019 - 2021
- Akgül G., Project Supported by Other Official Institutions, Bor katkılı süperkapasitör enerji depolama malzemelerinin geliştirilmesi, 2019 - 2020
- AKGÜL G., Bıçakçı S. N., BIÇAKÇI S., Project Supported by Higher Education Institutions, Çay atığı biyokütlesinden türetilen biyokömürün yüksek performans karbon olarak transistor uygulamalarına uygunluğunun araştırılması, 2018 - 2019
- AKGÜL G., TUBITAK Project, Yenilenebilir Karbonun Elektrik Devresinde Uygulanabilirliğinin Araştırılması, 2018 - 2019
- AKGÜL G., TUBITAK Project, Karbon Kompozitleri İle Elektromanyetik Koruma, 2017 - 2018
- AKGÜL G., TUBITAK Project, Amorf Karbonize Materyal Olan Biyokömürden Grafen Oksit Ve Grafen Türetilmesinin Araştırılması, 2017 - 2018
- AKGÜL G., TUBITAK Project, CO₂ Kullanarak Elektrolitik Karbonun Lityum Depolama Performansının Araştırılması, 2017 - 2018
- AKGÜL G., TURAN Z., DEMİR B., Project Supported by Higher Education Institutions, YAKIT HÜCRELERİNDE BİYOKÖMÜR DESTEKLİ İNCE FİLM VERİMLİLİĞİNİN ARAŞTIRILMASI, 2017 - 2018
- AKGÜL G., Other International Funding Programs, Applications of modified biochars for agro-environmental management, 2017 - 2018
- AKGÜL G., CULFA M., SÖZER S., Project Supported by Higher Education Institutions, BİYODİZEL ÜRETİMİNDE BİYOKÖMÜRLERİN KATALİZÖR OLARAK KULLANIMININ ARAŞTIRILMASI, 2016 - 2017
- ÇINAR S., ERENLER S., PIRASA N., UZUN N., ALTUN E., KÜÇÜK M., AKGÜL G., Project Supported by Higher Education Institutions, Fen Bilgisi Öğretmen Adayları STEM İle Buluşuyor, 2015 - 2017
- AKGÜL G., BAL ALTUNTAŞ D., Project Supported by Higher Education Institutions, Çay atıklarından üretilen biyokömürlerin organik-inorganik kirleticileri adsorpsiyon kapasitesinin belirlenmesi, 2014 - 2017
- BAL ALTUNTAŞ D., AKGÜL G., İSLAMOĞLU F., Erdoğan N., YOLCU M., Project Supported by Higher Education Institutions,

Mikro Büyüklükte Potansiyometrik Glikoz Biyosensör Geliştirilmesi., 2015 - 2016

Memberships and Roles in Scientific Organizations

international biochar organization, Member, 2015 - 2016

Peer Reviews in Scientific Publications

BIOMASS & BIOENERGY, Journal Indexed in SCI-E, June 2020

CHEMOSPHERE, Journal Indexed in SCI-E, January 2018

International Journal of Hydrogen Energy, SCI Journal, December 2017

Energy conversion and management, SCI Journal, October 2017

Scientific Project Refereeing

Project Supported by Higher Education Institutions, February 2017

Project Supported by Higher Education Institutions, March 2014

Scientific Consultations

Bilim Sanayi ve Teknoloji Bakanlığı, Other, Recep Tayyip Erdogan University, Mühendislik Fakültesi, Enerji Sistemleri Mühendisliği Bölümü, Turkey, 2015 - 2015

Metrics

Publication: 63

Citation (WoS): 345

Citation (Scopus): 625

H-Index (WoS): 8

H-Index (Scopus): 9

Congress and Symposium Activities

COST Action CA 15107 Fall Meeting on Multi-Functional Nano-Carbon Composite Materials, Attendee, Praha, Czech Republic, 2019

COST Action CA 15107 Fall Meeting on Multi-Functional Nano-Carbon Composite Materials, Attendee, Bucuresti, Romania, 2018

3rd biochar summer school, Attendee, Sevilla, Spain, 2015