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International Researcher IDs

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Publons / Web Of Science ResearcherID: V-9724-2017

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Biography

EU Marie Skłodowska Curie Action Individual Fellowship (MSCA-IF) Holder

Education Information

- I. Doctorate, Yildiz Technical University, Fen Bilimleri Enstitüsü, Çevre Mühendisliği, Turkey 2011 - 2018
- II. Postgraduate, Yildiz Technical University, Graduate School Of Natural And Applied Sciences, Çevre Mühendisliği, Turkey 2008 - 2011
- III. Undergraduate, Yildiz Technical University, Faculty Of Civil Engineering, Çevre Mühendisliği Bölümü, Turkey 2003 - 2007

Foreign Languages

- I. English, C1 Advanced
- II. Italian, B1 Intermediate
- III. German, B1 Intermediate

Research Areas

Electrochemical Processes, Environmental Chemistry and Technology, Nanomaterials, Gases, Plasmas and Electrical Discharges Physics, Physics of Plasmas, Chemometry

Academic Titles / Tasks

- I. Assistant Professor, Università Degli Studi di Padova, Dipartimento di Scienze Chimiche, 2019 - Continues
- II. Research Assistant PhD, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2017 - 2021
- III. Research Assistant, Yildiz Technical University, Faculty Of Civil Engineering, Department Of Environmental Engineering, 2009 - 2017
- IV. Researcher, Technische Universität Braunschweig, Institut Für Ökologische Chemie Und Abfallanalytik, Ökologischen Chemie, 2013 - 2013

- V. Researcher, Università Degli Studi di Catania, Facoltà Di Ingegneria., Dipartimento Di Ingegneria Meccanica, Chimica E Dei Materiali, 2010 - 2011

Courses

- I. Biological Unit Operations, Undergraduate, 2018 - 2019
II. Chemical Unit Operations, Undergraduate, 2018 - 2019, 2017 - 2018

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Electrochemically activated persulfate and peroxymonosulfate for furfural removal: optimization using Box-Behnken design**
Can-Güven E., İlhan F., ALTUNTAŞ K., YAZICI GÜVENÇ S., VARANK G.
ENVIRONMENTAL TECHNOLOGY, vol.44, no.9, pp.1251-1264, 2023 (SCI-Expanded)
- II. **Degradation of oxytetracycline in aqueous solution by heat-activated peroxydisulfate and peroxymonosulfate oxidation**
Ulucan-Altuntas K., Yazıcı Güvenç S., Can Güven E., İlhan F., Varank G.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.29, no.6, pp.9110-9123, 2022 (SCI-Expanded)
- III. **Atmospheric plasma-based approaches for the degradation of dimethyl phthalate (DMP) in water**
Ulucan-Altuntas K., Saleem M., Tomei G., Marotta E., Paradisi C.
Journal Of Environmental Management, vol.301, no.1, pp.113885, 2021 (SCI-Expanded)
- IV. **Removal of oxytetracycline by graphene oxide and Boron-doped reduced graphene oxide: A combined density function Theory, molecular dynamics simulation and experimental study**
El Hadki A., ALTUNTAŞ K., El Hadki H., ÜSTÜNDAĞ C. B., Kabbaj O. K., Dahchour A., Komiha N., Zrineh A., DEBİK E.
FLATCHEM, vol.27, 2021 (SCI-Expanded)
- V. **Biodegradation of Emerging Pharmaceuticals from Domestic Wastewater by Membrane Bioreactor: The Effect of Solid Retention Time**
Alobaidi R. A. K., ALTUNTAŞ K., Mhemid R. K. S., Manav-Demir N., ÇINAR Ö.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH AND PUBLIC HEALTH, vol.18, no.7, 2021 (SCI-Expanded)
- VI. **Implementation of Fuzzy Logic Model on Textile Wastewater Treatment by Electrocoagulation Process**
Ulucan-Altuntas K., İlhan F., Kasar C., Gönüllü M. T.
JOURNAL OF WATER CHEMISTRY AND TECHNOLOGY, vol.43, no.3, pp.255-260, 2021 (SCI-Expanded)
- VII. **Electrocatalytic Degradation of Oxytetracycline using Three-Dimensional Electrode and Optimization via Fuzzy Logic Modelling**
Ulucan-Altuntas K., El Hadki A., İlhan F., Zrineh A., El Hadki H., Kabbaj O. K., Dahchour A., Debik E.
Separation Science And Technology, vol.1, no.1, pp.1, 2021 (SCI-Expanded)
- VIII. **Effect of visible light on the removal of trichloromethane by graphene oxide**
Ulucan-Altuntas K., DEBİK E., ÜSTÜNDAĞ C. B., Güven M. D., Gocen K. A.
Diamond and Related Materials, vol.106, 2020 (SCI-Expanded)
- IX. **Dechlorination of dichlorodiphenyltrichloroethane (DDT) by Fe/Pd bimetallic nanoparticles: Comparison with nZVI, degradation mechanism, and pathways**
Ulucan-Altuntas K., DEBİK E.
FRONTIERS OF ENVIRONMENTAL SCIENCE & ENGINEERING, vol.14, no.1, 2020 (SCI-Expanded)
- X. **Adsorption of copper ion from aqueous solutions by well-crystalized nanosized hydroxyapatite**
Ulucan-Altuntas K., Uzun H. I., ÜSTÜNDAĞ C. B., DEBİK E.
MATERIALS RESEARCH EXPRESS, vol.6, no.12, 2019 (SCI-Expanded)

- XI. **Modelling and optimization of dye removal by Fe/Cu bimetallic nanoparticles coated with different Cu ratios**
Ulucan-Altuntas K., Kuzu S. L.
MATERIALS RESEARCH EXPRESS, vol.6, no.11, 2019 (SCI-Expanded)
- XII. **Electrocoagulation Process for Metal Plating Wastewater: Kinetic Modelling and Energy Consumption**
İlhan F., Ulucan-Altuntaş K., Avşar Y., Kurt U., Saral A.
FRONTIERS OF ENVIRONMENTAL SCIENCE & ENGINEERING, vol.13, no.5, pp.73-81, 2019 (SCI-Expanded)
- XIII. **Treatability of raw textile wastewater using Fenton process and its comparison with chemical coagulation**
İLHAN F., Ulucan-Altuntas K., Dogan C., KURT U.
DESALINATION AND WATER TREATMENT, vol.162, pp.142-148, 2019 (SCI-Expanded)
- XIV. **Removal of humic substances by nano zero-valent iron supported on activated carbon and implementation of response surface methodology**
Ulucan-Altuntas K.
Desalination And Water Treatment, vol.0, no.0, 2019 (SCI-Expanded)
- XV. **Optimization of raw acrylic yarn dye wastewater treatment by electrochemical processes: kinetic study and energy consumption**
İlhan F., Ulucan-Altuntas K., Dogan C., Kurt U.
GLOBAL NEST JOURNAL, vol.21, pp.187-194, 2019 (SCI-Expanded)
- XVI. **Dichloro-diphenyl-trichloroethane removal via nano zero-valent iron: determination of degradation mechanism using response surface methodology**
Ulucan-Altuntaş K., Debik E., Arslan Z. B.
DESALINATION AND WATER TREATMENT, vol.143, pp.197-207, 2019 (SCI-Expanded)
- XVII. **Enhancing Biodegradability of Textile Wastewater by Ozonation Processes: Optimization with Response Surface Methodology**
Ulucan-Altuntas K., İLHAN F.
OZONE-SCIENCE & ENGINEERING, vol.40, no.6, pp.465-472, 2018 (SCI-Expanded)
- XVIII. **Borohydride method modification in synthesizing nano zero valent iron and its application in DDT removal**
Ulucan-Altuntas K., Debik E.
ENVIRONMENTAL SCIENCE AND POLLUTION RESEARCH, vol.25, pp.30110-30121, 2018 (SCI-Expanded)
- XIX. **Nano zero-valent iron supported on activated carbon: Effect of AC/nZVI ratio on removal of nickel ion from water**
ULUCAN-ALTUNTAS K., DEBİK E., GUNGOR S.
GLOBAL NEST JOURNAL, vol.20, no.2, pp.424-431, 2018 (SCI-Expanded)
- XX. **Single and binary adsorption of copper and nickel metal ions on nano zero valent iron (nZVI): a kinetic approach**
Ulucan-Altuntas K., DEBİK E., Yoruk I. I., KOZAL D.
DESALINATION AND WATER TREATMENT, vol.93, pp.274-279, 2017 (SCI-Expanded)
- XXI. **EVALUATION OF OPERATIONAL PARAMETERS AND ITS RELATION ON THE STOICHIOMETRY OF FENTON'S OXIDATION TO TEXTILE WASTEWATER**
İlhan F., Yetilmezsoy K., Kabuk H. A., Ulucan K., Coskun T., Akoglu B.
CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, vol.23, no.1, pp.11-19, 2017 (SCI-Expanded)
- XXII. **Comparative study of electrochemical wastewater treatment processes for bilge water as oily wastewater: A kinetic approach**
Ulucan K., Kurt U.
JOURNAL OF ELECTROANALYTICAL CHEMISTRY, vol.747, pp.104-111, 2015 (SCI-Expanded)
- XXIII. **Determination of Biological Treatability Processes of Textile Wastewater and Implementation of a Fuzzy Logic Model**
Kabuk H. A., Avşar Y., Kuzu S. L., İlhan F., Ulucan K.
INTERNATIONAL JOURNAL OF PHOTOENERGY, 2015 (SCI-Expanded)

- XXIV. **Electrocoagulation Process Application in Bilge Water Treatment Using Response Surface Methodology**
Ulucan K., Kabuk H. A., İlhan F., Kurt U.
INTERNATIONAL JOURNAL OF ELECTROCHEMICAL SCIENCE, vol.9, pp.2316-2326, 2014 (SCI-Expanded)
- XXV. **Comparison of pH Adjustment and Electrocoagulation Processes on Treatability of Metal Plating Wastewater**
Kabuk H. A., Aşar Y., İlhan F., Ulucan K.
SEPARATION SCIENCE AND TECHNOLOGY, vol.49, pp.613-618, 2014 (SCI-Expanded)
- XXVI. **Combining adsorption and coagulation for the treatment of azo and anthraquinone dyes from aqueous solution**
Karadag D., TOK S., AKGUL E., Ulucan K., EVDEN H., KAYA M. A.
INDUSTRIAL & ENGINEERING CHEMISTRY RESEARCH, vol.45, no.11, pp.3969-3973, 2006 (SCI-Expanded)

Articles Published in Other Journals

- I. **Fluidized Electrooxidation Process Using Three-Dimensional Electrode for Decolorization of Reactive Blue 221**
Ulucan-Altuntaş K.
Akademic Platform Journal of Engineering and Science, vol.9, no.1, pp.53-58, 2021 (Peer-Reviewed Journal)
- II. **Comparison of Chemical and Electrochemical Treatment Processes for Wool Yarn Dyeing Effluents**
Altuntaş K., İlhan F., Dogan C., Kurt U.
Sigma Journal of Engineering and Natural Science, vol.38, no.2, pp.623-636, 2020 (ESCI)
- III. **Bisphenol-A Removal by Graphene Oxide Applied in Different Processes**
Debik E., Altuntaş K., El Hadki A.
Journal of Engineering and Technological Sciences, vol.52, no.1, pp.1-13, 2020 (ESCI)
- IV. **Adsorption of copper metal ion from aqueous solution by Nanoscale Zero Valent Iron (nZVI) supported on activated carbon**
Altuntaş K., Debik E., Kozal D., Yoruk I. I.
Periodicals of Engineering and Natural Sciences, vol.5, pp.61-64, 2017 (Scopus)
- V. **Disinfection By Products Removal by Nanoparticles Sintered in Zeolite**
Kübra U., Noberi C., Coşkun T., Üstündağ C. B., Debik E., Kaya C.
Journal of Clean Energy Technologies, vol.1, no.2, pp.120-123, 2013 (Peer-Reviewed Journal)
- VI. **Sızıntı Sularının Evsel Atıksularla Birlikte Eektrokoagülasyon Prosesiyle Arıtılabilirliğinin İncelenmesi**
Kurt U., İlhan F., Birben N. C., Ulucan K., Gönüllü M. T.
Sigma Journal of Engineering and Natural Sciences, vol.3, no.1, pp.55-64, 2011 (ESCI)
- VII. **Sızıntı Sularının Evsel Atıksularla Birlikte Elektrokoagülasyon Prosesiyle Arıtılabilirliğinin İncelenmesi**
Kurt U., İlhan F., Birben C., Ulucan K., Gönüllü M. T.
Sigma Journal of Engineering and Natural Sciences, vol.3, no.1, pp.55-64, 2011 (ESCI)

Books & Book Chapters

- I. **Sewerage Systems and Wastewater Treatment**
DEBİK E., ALTUNTAŞ K., MANAV DEMİR N.
in: Water and Wastewater Management, Bahadır Müfit, Haarstrick Andreas, Editor, Springer, Cham, pp.99-114, 2022
- II. **Synthesis of Copper Nanostructured Materials: Antimicrobial and Environmental Remediation**

Applications on Emerging Agrochemicals

Ulucan-Altuntas K.

in: Copper structures: Next generations of agrochemicals for sustainable agroecosystems, Kamel Abd-Elsalam, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, pp.1, 2021

III. Nanoscale Zero-Valent Iron for Water Treatment

Ulucan-Altuntas K.

in: Aquananotechnology: Applications of Nanomaterials for Water Purification, Kamel Abd-Elsalam, Muhammad Zahid, Editor, Elsevier Science, Oxford/Amsterdam , Oxford, pp.337-355, 2020

IV. Binary Adsorption of Copper and Nickel Metal Ions on Nano Zero Valent Iron Supported on Activated Carbon (AC-nZVI)

Debik E., Ulucan-Altuntas K., Yörük İ. İ., Kozal D.

in: Solutions to Water Challenges in MENA Region Proceedings of the Regional Workshop, Zeinab Abou-Elnaga; Mehmet Emin Aydin, Editor, Cuvillier Verlag, Göttingen, pp.146-152, 2016

Refereed Congress / Symposium Publications in Proceedings

- I. Non-thermal plasma based approaches for the degradation of poly- and perfluoroalkyl substances (PFAS) in water and leachate**
Saleem M., Tomei G., Altuntaş K., Paradisi C.
International Symposium on Non-thermal Plasma Technology (ISNTP-12), Otaru, Japan, 28 August - 02 September 2022, pp.1
- II. Degradation of Perfluorooctanoic Acid (PFOA) in Water by Non-Thermal Plasma Enhanced by Boron-Doped Reduced Graphene Oxide**
Altuntaş K.
17th International Symposium on High Pressure Low Temperature Plasma Chemistry (HAKONE XVII), Maastricht, Netherlands, 20 - 26 August 2022, pp.1
- III. Degradation of Perfluoroalkyl and Polyfluoroalkyl Substances by Non-Thermal Plasma enhanced by Graphene Oxide-based Catalysts**
Altuntaş K., Oripoli M., Saleem M., Tomei G., Pressi S., Menna E., Marotta E., Paradisi C.
7th The Young Water Professionals BeNeLux Conference, Rotterdam, Netherlands, 4 - 06 April 2022, pp.1
- IV. Evaluation of recovery potential of wastewater treatment plants in Kocaeli, Turkey**
Gelgör H. B., MANAV DEMİR N., İLHAN F., ALTUNTAŞ K., TIWARY A., DEBİK E.
INTERNATIONAL CONFERENCE ON GLOBAL PRACTICE OF MULTIDISCIPLINARY SCIENTIFIC STUDIES, Cyprus (Kktc), 06 March 2022
- V. Plasma-based water treatment in agricultural applications**
Marotta E., Saleem M., Tomei G., Beria M., Ulucan-Altuntas K., Paradisi C.
19th INTERNATIONAL CONFERENCE ON PLASMA PHYSICS AND APPLICATIONS, Bucuresti, Romania, 31 August - 03 September 2021, pp.110
- VI. DEGRADATION OF BISPHENOL-A BY GRAPHENE OXIDE UNDER VISIBLE LIGHT**
Debik E., Altuntaş K., El Hadki A.
Expert Workshop on Microplastics in the Water Environment, Surat-Thani, Thailand, 18 - 22 August 2019, vol.1, no.1, pp.1
- VII. Implementation of Fuzzy Logic Model on Textile Wastewater Treatment by Electrocoagulation Process**
Altuntaş K., İlhan F., Kasar C., Gönüllü M. T.
4th Eurasian Conference on Civil and Environmental Engineering (ECOCEE), İstanbul, Turkey, 17 - 18 June 2019, pp.550-557
- VIII. Optimization of Disinfection By-Products Removal from Aqueous Solution by Fe/Cu Bimetallic Nanoparticle**

El Hadki A., Altuntaş K.

4th Eurasian Conference on Civil and Environmental Engineering (ECOCEE), İstanbul, Turkey, 17 - 18 June 2019, pp.542-549

- IX. **Optimization of electro-oxidation process for the treatment of reactive blue 221 using response surface methodology**
Yıldırım G. B., İlhan F., Ulucan-Altuntaş K., Cemanovic A., Çınar Ö.
5th International Conference on Engineering and Natural Science, Praha, Czech Republic, 12 - 16 June 2019, pp.664-669
- X. **Kinetic Study for Nitrate Removal by Nano Zero Valent Iron**
UZUN H. İ., ARSLAN Z. B., ALTUNTAŞ K., DEBİK E.
Regional Workshop on "Water-Energy-Food-Nexus in MENA Region", Aswan, Egypt, 11 November 2018, pp.1
- XI. **Recent advances in metal doped graphene nanoparticles**
ALTUNTAŞ K.
International Conference on Application in Chemistry and Chemical Engineering, Belgrad, Serbia And Montenegro, 10 October 2018, pp.1
- XII. **Optimization of Electrochemical Processes for the Treatment of Raw Woollen Yarn Dye Wastewater**
ALTUNTAŞ K., İLHAN F., Doğan C., KURT U.
International Conference on Application in Chemistry and Chemical Engineering, Belgrade, Serbia And Montenegro, 10 - 14 October 2018
- XIII. **SPATIAL DISTRIBUTION OF OCPS IN SOILS OF ISTANBUL**
KISTAUBAYEVA A., SARAL A., KUZU S. L., ULUCAN-ALTUNTAS K.
International Science and Technology Conference, Paris, France, 18 July 2018, pp.1
- XIV. **DDT Removal by Nano Zero Valent Iron: Influence of pH on Removal Mechanism**
ALTUNTAŞ K., DEBİK E.
International Conference on Technology, Engineering and Science, 26 October - 29 January 2017
- XV. **Binary Adsorption of Copper and Nickel Metal Ions on Nano Zero Valent Iron Supported on Activated Carbon (AC/nZVI)**
DEBİK E., ALTUNTAŞ K., YÖRÜK İ. İ., KOZAL D.
Solutions to Water Challenges in MENA REGION Regional Workshop, Kahire, Egypt, 25 - 30 April 2017, vol.1, pp.146-152
- XVI. **Adsorption of Copper Metal Ion from Aqueous Solution by Nanoscale Zero Valent Iron nZVI Supported on Activated Carbon**
ALTUNTAŞ K., DEBİK E., Kozal D., Yörük İ. İ.
3rd INTERNATIONAL SYMPOSIUM ON ENVIRONMENT AND MORALITY, 4 - 06 November 2016, pp.504-511
- XVII. **Single and Binary Adsorption of Copper and Nickel Metal Ions on Nano Zero Valent Iron (nZVI)**
ALTUNTAŞ K., DEBİK E., Kozal D., Yörük İ. İ.
3rd International Conference on Recycling and Reuse, İstanbul, Turkey, 28 September 2016, pp.250-255
- XVIII. **INVESTIGATION OF THE ESTROGENIC STEROID HORMONES' REMOVAL BY ? -Fe₂O₃ NANOPARTICLES IN ADSORPTION PROCESS**
ALTUNTAŞ K., DEBİK E., KOLB M., Bahadır A. M., NOBERİ C., KAYA C.
2nd International Symposium on Environment and Morality, Adıyaman, Turkey, 01 January 2014, pp.1
- XIX. **Disinfection By Products Removal by Nanoparticlees Sintered in Zeolite**
Ulucan K., NOBERİ C., COŞKUN T., ÜSTÜNDAĞ C. B., DEBİK E., KAYA C.
3 rd International Conference on Future Environmnet and Energy, 24 - 25 February 2013
- XX. **Treatability of diluate solution from electrodialysis process by aerobic sequencing batch reactor**
ERKAN H., İLHAN F., YAZICI GÜVENÇ S., ALTUNTAŞ K., APAYDIN Ö.
International Conference on Recycling and Reuse, 4 - 06 July 2012
- XXI. **Treatability of DiluateSolution from Electrodialysis Process by Aerobic Sequencing Batch Reactor International Conference on Recycling and Reuse**
SARI ERKAN H., İLHAN F., YAZICI S., ALTUNTAŞ K., APAYDIN Ö.
International Conference on Recycling and Reuse., 4 - 06 June 2012

- XXII. **Treatment of Bilge Water By Electrocoagulation/Electroflotation Process**
ALTUNTAŞ K., İLHAN F., ÇIKARANOĞLU S., YAZICI GÜVENÇ S., ERKAN H., KURT U.
eurasia 2011, 14 - 16 November 2011
- XXIII. **Fouling of Ion Exchange Membranes in Electrodialysis Process for Recovery of Leachate Compounds**
YAZICI S., İLHAN F., ERKAN H., Ulucan K., aydın y., KURT U.
Eurasia 2011 Waste Management Symposium, 14 - 16 November 2011
- XXIV. **Fouling of Ion Exchange Membranes in Electrodialysis Process for Recovery of Leachate Compounds**
YAZICI S., İLHAN F., SARI ERKAN H., ALTUNTAŞ K., KURT U.
Eurasia Waste Management Symposium, 10 - 11 November 2011
- XXV. **Treatment of Bilge Water By Electrocoagulation Electroflotation Process Optimization With Response Surface Method**
Ulucan K., İLHAN F., Çıkaranoğlu S., YAZICI S., Sarı H., KURT U.
Eurasia Waste Management Symposium, 14 - 16 November 2011
- XXVI. **Treatment of Bilge Water by Electrocoagulation Electroflotation Process Optimization with Response Surface Method**
ULUCAN K., İLHAN F., ÇIKARANOĞLU S., YAZICI GÜVENÇ S., SARI H., KURT U.
Eurasia 2011 Waste Management Symposium, 15 October 2011

Supported Projects

- I. Altuntaş K., Marotta E., TÜBİTAK - AB COST Project, Plasma applications for smart and sustainable agriculture, 2020 - 2024
- II. Ulucan-Altuntas K., Debik E., Manav Demir N., Öz E., İLHAN F., Newton Programme Project, UK-Turkey capacity building for wastewater treatment integrated with renewable energy and safer reuse for sustainable communities, 2021 - 2022
- III. Altuntaş K., H2020 Project, Perfluorinated Organic Compounds (PFCs) Degradation using Non-Thermal Plasma Enhanced by Boron Doped Graphene Oxide as Catalyst, 2020 - 2022
- IV. Altuntaş K., TUBİTAK Project, Investigation of Perfluorinated Organic Compounds (PFCs) Degradation by Cold Plasma as an Innovative Technology, 2019 - 2021
- V. Altuntaş K., Apaydın Ö., Technopark, Setaş Kimya Sanayi'nin Boyarmadde ve Kimyasal Üretiminden Kaynaklı Atıksuları İçin Ekonomik Entegre Arıtma Alternatiflerinin Araştırılması, 2018 - 2019
- VI. Altuntaş K., Debik E., Project Supported by Higher Education Institutions, Treatability of Persistent Organic Pollutants in Aqueous Solution by Nanoparticles, 2015 - 2018
- VII. Kurt U., İlhan F., Altuntaş K., Project Supported by Other Official Institutions, Sızıntı Sularının Evsel Atıksularla Birlikte Hızlı ve Ekonomik Bir Yöntem Olan Elektrokoagülasyonla Arıtılabilirliğinin İncelenmesi, 2008 - 2009

Patent

- I. Debik E., Altuntaş K., Kaya C., Üstündağ C. B., Noberi C., Nanoboyutta Hematit ile sinterlenmiş Zeolit Yatak Malzemesi, Patent, CHAPTER C Chemistry; Metallurgy, The Invention Registration Number: 2013/06737 , 2016, 2015

Activities in Scientific Journals

- I. Plos One, Editor, 2022 - Continues

Memberships / Tasks in Scientific Organizations

- I. EuroScience, Associate Member, 2022 - Continues, Germany

Scientific Refereeing

- I. SEPARATION AND PURIFICATION TECHNOLOGY, SCI Journal, March 2022
- II. Journal Of Environmental Management, SCI Journal, February 2022
- III. ENVIRONMENTAL MONITORING AND ASSESSMENT, SCI Journal, January 2022
- IV. SEPARATION AND PURIFICATION TECHNOLOGY, SCI Journal, October 2021
- V. ENVIRONMENTAL RESEARCH LETTERS, SCI Journal, October 2021
- VI. INTERNATIONAL JOURNAL OF ENVIRONMENTAL RESEARCH, SCI Journal, September 2021
- VII. JOURNAL OF WATER PROCESS ENGINEERING, SCI Journal, September 2021
- VIII. OZONE-SCIENCE & ENGINEERING, SCI Journal, July 2021
- IX. PROCESS SAFETY AND ENVIRONMENTAL PROTECTION, SCI Journal, January 2021
- X. CLEAN-SOIL AIR WATER, SCI Journal, November 2020
- XI. TUBITAK Project, 1001 - Program for Supporting Scientific and Technological Research Projects, Yildiz Technical University, Turkey, September 2020
- XII. International Journal Of Environmental Analytical Chemistry, SCI Journal, May 2020
- XIII. JOURNAL OF HAZARDOUS MATERIALS, SCI Journal, June 2018
- XIV. CHEMICAL ENGINEERING JOURNAL, SCI Journal, January 2018

Metrics

Publication: 64
Citation (WoS): 247
Citation (Scopus): 324
H-Index (WoS): 10
H-Index (Scopus): 12

Scholarships

- I. Marie Skłodowska Curie Individual Fellowship (MSCA-IF), European Commission, 2020 - Continues
- II. 2219 - International Postdoctoral Research Fellowship Program for Turkish Citizens, TUBITAK, 2019 - 2020
- III. UNIPD Marie Skłodowska-Curie Actions - MAster your Research and Training Needs, University, 2019 - 2019
- IV. 2211C - National PhD Scholarship Program on Priority Areas, TUBITAK, 2014 - 2017
- V. Forschungskurzstipendium, Official Institutions of Foreign Countries, 2013 - 2013
- VI. Erasmus Mundus, European Commission, 2010 - 2011

Awards

- I. Ulucan-Altuntas K., Academical Encouragement Certificate (for achieving the third weighted rank among all academicians in Civil Engineering Faculty have the highest academic record in 2019), Yildiz Teknik Universitesi, July 2020
- II. Ulucan-Altuntas K., Academical Encouragement Certificate (for achieving the third weighted rank among all academicians in university have Intellectual and industrial property rights in 2016), Rectorship Of Yildiz Technical

Coaching Duties

Refereeing Duties
