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Personal Information

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International Researcher IDs

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Publons / Web Of Science ResearcherID: C-9908-2015

ScopusID: 42061912400

Yoksis Researcher ID: 24936

Education Information

Doctorate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Kimya Mühendisliği Abd, Turkey
2009 - 2013

Postgraduate, Yıldız Technical University, Graduate School Of Natural And Applied Sciences, Kimya Mühendisliği Abd,
Turkey 2006 - 2009

Masters (Non-Thesis), Yıldız Technical University, Graduate School Of Social Sciences, Department Of Business
Administration, Turkey 2002 - 2004

Undergraduate, Ege University, Faculty Of Engineering, Kimya Mühendisliği, Turkey 1998 - 2002

Foreign Languages

English, C2 Mastery

Certificates, Courses and Trainings

Other, Micromeritics ASAP 2020 Bet, Terra Lab, 2012

Other, CAMSCAN Apollo 300 SEM, TETRA Teknolojik Sistemler, 2009

Other, PERKINELMER Clarus 500 GC-MS, TETRA Teknolojik Sistemler, 2009

Other, PERKINELMER Clarus 500 GC, TETRA Teknolojik Sistemler, 2009

IT, Yazılım ve Veritabanı Uzmanlığı, BilgeAdam, 2009

IT, Yazılım ve Veritabanı Uzmanlığı, Microsoft, 2009

Other, PERKINELMER Pyris Diamond DSC, TETRA Teknolojik Sistemler, 2009

IT, MATLAB Fundamentals and Programming Techniques, FİGES, Computer Simulation in Physics and Geometry A.S.,
2009

Other, PERKINELMER Diamond TG/DTA, TETRA Teknolojik Sistemler, 2009

Quality Management, Ölçüm Belirsizliği, TSE Kalibrasyon Merkezi Başkanlığı, 2008

Other, PANALYTICAL Minipal 4 XRF, TETRA Teknolojik Sistemler, 2008

Other, PANALYTICAL XPERT PRO XRD, TETRA Teknolojik Sistemler, 2008

Other, PERKINELMER Optima 2100 DV ICP-OES, TETRA Teknolojik Sistemler, 2008
Other, PERKINELMER Lambda 25 UV/VIS, TETRA Teknolojik Sistemler, 2008
Other, PERKINELMER FTIR Spectrum One, TETRA Teknolojik Sistemler, 2008
Other, PERKINELMER Raman 400 F, TETRA Teknolojik Sistemler, 2008
IT, Network & Internet Workshop, BilgeAdam, Chip, 2006

Dissertations

Doctorate, Çeşitli Magnezyum ve Bor Kaynaklarından Farklı Yöntemler ile Yapay Magnezyum Borat Üretimi ve Üretim Parametrelerinin İncelenmesi, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Kimya Mühendisliği Abd, 2013
Postgraduate, Bazı Bor Bileşiklerinin Nötron Zırhlamasında Kullanılabilirliğinin Araştırılması, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Kimya Mühendisliği Abd, 2009

Research Areas

Chemical Engineering and Technology, Analytical Chemistry, Inorganic Chemistry

Academic Titles / Tasks

Professor, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2023 - Continues
Associate Professor, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2018 - 2023
Research Assistant PhD, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2013 - 2018
Research Assistant, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2008 - 2013

Academic and Administrative Experience

İş Sağlığı ve Güvenliği Koordinatörü, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2022 - Continues
Kulüp Faaliyetleri Değerlendirme Komisyon Üyesi, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2022 - Continues
Deputy Head of Department, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2022 - Continues
Rektörlük Kalite Komisyonu Üyesi, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2021 - Continues
Bölüm Akademik Teşvik Değerlendirme Komisyonu Üyesi, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2017 - Continues
Bölüm Tanıtım ve Mezunlarla İlişkiler Komisyonu Başkanı, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2018 - 2022
Birim Stratejik Plan Komisyonu Başkanı, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2020 - 2021
Bölüm Stratejik Plan Komisyonu Başkanı, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering, Department Of Chemical Engineering, 2020 - 2021
Bölüm Kalite Komisyonu Başkanı, Yıldız Technical University, Faculty Of Chemical And Metallurgical Engineering,

Courses

Computer Aided Advanced Chemical Engineering Applications, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Chemical Technologies, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Bioreactor Design, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Chemical Engineering Calculations, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Biyomühendislikte Kütle Transferi, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020

Graduation Thesis, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Mass Transfer in Bioengineering, Undergraduate, 2022 - 2023, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019, 2017 - 2018

Chemical Engineering Lab. III, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Chemical Engineering Economics, Undergraduate, 2021 - 2022, 2020 - 2021, 2018 - 2019

Mass Transfer in Bioengineering, Undergraduate, 2021 - 2022, 2020 - 2021, 2019 - 2020, 2018 - 2019

Gıda Mühendisliğinde Bilgisayar Uygulamaları, Undergraduate, 2019 - 2020, 2018 - 2019

Bioprocess Engineering, Undergraduate, 2019 - 2020, 2018 - 2019

Kimya Mühendisliği Lab. III, Undergraduate, 2017 - 2018

Total Quality Assurance in Chemical Engineering, Undergraduate, 2017 - 2018

Chemical Technologies, Undergraduate, 2017 - 2018

Chemical Engineering Calculations, Undergraduate, 2017 - 2018

Analysis Methods in Chemical Industry, Undergraduate, 2017 - 2018

Bioprocess Engineering, Undergraduate, 2017 - 2018

Advising Theses

Kıpçak A. S., Karides ve Pavurya Kabuklarından Kitosan Üretimi Ve Baryum, Kadmiyum, Nikel Ve Titanyum Adsorpsiyonunda Kullanılması, Postgraduate, E.ÇELİK(Student), 2022

Kıpçak A. S., Bazı Egzotik Meyvelerin Yenilikçi ve Hibrit Yöntemler ile Kurutulması ve Fiziksel Özelliklerinin İncelenmesi, Postgraduate, P.ATA(Student), 2022

Kıpçak A. S., Waste Water Heavy Metal Treatment by the Use of Chitosan Obtained from Caridea and Brachyura Shells, Postgraduate, Z.ÖZDEN(Student), 2022

Kıpçak A. S., Investigation of the drying kinetics and mathematical modeling during removal of moisture content of lorclast and glucosamine drugs at different temperatures, Postgraduate, S.Sevim(Student), 2021

KIPÇAK A. S., DERUN E., Yeni Yöntemler ile Farklı Potasyum Kaynaklarından Yüksek Verimli Saf Potasyum Borat Üretimi ve Karakterizasyonu, Postgraduate, S.İla(Student), 2016

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **The Ultrasonic-Assisted Synthesis of Copper Borates by Using Different Boron Sources**
Şenberber Dumanlı F. T., Kavcı Karaağaç S., Kıpçak A. S., Derun E.
GLASS PHYSICS AND CHEMISTRY, vol.2024, pp.1-10, 2024 (SCI-Expanded)
- II. **Effect of different boron sources on the copper borates in solid-state synthesis**
Senberber Dumanli F. T., Kavci Karaagac S., Kıpçak A. S., Derun E.
Zeitschrift fur Kristallographie - Crystalline Materials, vol.238, no.9-10, pp.343-348, 2023 (SCI-Expanded)
- III. **Co-Precipitation Synthesis of Lanthanum Borates with Different Morphologies**
Argun S., Dumanli F. T. S., KIPÇAK A. S., TUĞRUL N., DERUN E.

Glass Physics and Chemistry, vol.49, no.1, pp.92-97, 2023 (SCI-Expanded)

- IV. **The Effect of Various Methods on the Drying Kinetics and Mathematical Modelling of Seabass (*Dicentrarchus labrax*)**
ÖZYALÇIN GENÇ Z. Ö., KIPÇAK A. S., TUĞRUL N.
Journal of Aquatic Food Product Technology, vol.32, no.4, pp.384-395, 2023 (SCI-Expanded)
- V. **Drying and Rehydration Characteristics of Microwave Dried *Mytilus edulis***
Sevim S., ÖZYALÇIN GENÇ Z. Ö., KIPÇAK A. S.
Turkish Journal of Fisheries and Aquatic Sciences, vol.23, no.12, 2023 (SCI-Expanded)
- VI. **Characterization, thermal dehydration kinetic, and thermodynamic study of synthesized cesium borate (CsB_5O_8 center dot $4H(2)O$)**
Dumanli F. T. S., KIPÇAK A. S., DERUN E.
INORGANIC AND NANO-METAL CHEMISTRY, vol.53, no.3, pp.277-282, 2023 (SCI-Expanded)
- VII. **Investigation of carbonate addition on risk element concentrations in various teas**
Gorgulu T. Y., UYGUNÖZ D., KIPÇAK A. S., DERUN E.
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, vol.59, no.9, pp.3540-3547, 2022 (SCI-Expanded)
- VIII. **Microwave Dehydration of Borax: Characterization, Dehydration Kinetics, and Modelling**
Dumanli F. T. S., KIPÇAK A. S., DERUN E.
GLASS PHYSICS AND CHEMISTRY, vol.48, no.3, pp.210-218, 2022 (SCI-Expanded)
- IX. **Ultra-fast and effective ultrasonic synthesis of potassium borate: Santite**
İla S., Kipçak A. S., Derun E.
MAIN GROUP METAL CHEMISTRY, vol.45, no.1, pp.19-25, 2022 (SCI-Expanded)
- X. **The Ultrasound Effect on the Drying Characteristics of *Loligo vulgaris* by the Methods of Oven and Vacuum-oven**
ÖZYALÇIN Z. Ö., KIPÇAK A. S.
JOURNAL OF AQUATIC FOOD PRODUCT TECHNOLOGY, vol.31, no.2, pp.187-199, 2022 (SCI-Expanded)
- XI. **Characteristic, electrical and optical properties of potassium borate (KB_5O_8 center dot $4H(2)O$) hydrothermally synthesized from different boron sources**
Dumanli F. T. S., Ozen M. Y., Asensio M. O., Yuksel S. A., KIPÇAK A. S., Derun E.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.47, no.12, pp.5353-5368, 2021 (SCI-Expanded)
- XII. **Removal of zinc from wastewater using orange, pineapple and pomegranate peels**
Turkmen Koc S. N., KIPÇAK A. S., Moroydor Derun E., TUĞRUL N.
INTERNATIONAL JOURNAL OF ENVIRONMENTAL SCIENCE AND TECHNOLOGY, vol.18, no.9, pp.2781-2792, 2021 (SCI-Expanded)
- XIII. **DRYING CHARACTERISTICS OF BLUE MUSSELS BY TRADITIONAL METHODS**
KIPÇAK A. S., Derun E. M., TUĞRUL N., DOYMAZ İ.
CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, vol.27, no.3, pp.279-288, 2021 (SCI-Expanded)
- XIV. **The Effect of Ultrasonic Pre-Treatment on the Temperature Controlled Infrared Drying of *Loligo vulgaris* and Comparison with the Microwave Drying**
ÖZYALÇIN Z. Ö., KIPÇAK A. S.
TURKISH JOURNAL OF FISHERIES AND AQUATIC SCIENCES, vol.21, no.3, pp.135-145, 2021 (SCI-Expanded)
- XV. **Microwave drying of fish, chicken and beef samples**
Kipçak A. S., İsmail O.
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, vol.58, no.1, 2021 (SCI-Expanded)
- XVI. **Determination of essential and non-essential element concentrations and health risk assessment of some commercial fruit juices in Turkey**
Demir F., KIPÇAK A. S., Dere Ozdemir O., Moroydor Derun E.
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, vol.57, no.12, pp.4432-4442, 2020 (SCI-Expanded)
- XVII. **Ultrasonic-Assisted Synthesis of Zinc Borates: Effect of Boron Sources**
Dumanli F. T. S., KIPÇAK A. S., Vardar D. S., TUĞRUL N.
JOURNAL OF THE CHEMICAL SOCIETY OF PAKISTAN, vol.42, no.6, pp.839-845, 2020 (SCI-Expanded)
- XVIII. **Antimony Adsorption Study of Chitosan Produced from *Caridea* and *Brachyura* Shells**

- Kıpçak A. S., Özyalçın Z. Ö.
Journal Of The Indian Chemical Society, vol.97, no.10, pp.2097-2100, 2020 (SCI-Expanded)
- XIX. **Effects of microwaves on the dehydration characteristics of santite**
Senberber F. T., DERUN E., KIPÇAK A. S.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.46, no.9, pp.4129-4139, 2020 (SCI-Expanded)
- XX. **Thermal dehydration kinetics of non-crystalline manganese borate**
TUĞRUL N., Firat E., KIPÇAK A. S., Yildirim M., Senberber F. T., Derun E.
INDIAN JOURNAL OF CHEMISTRY SECTION A-INORGANIC BIO-INORGANIC PHYSICAL THEORETICAL & ANALYTICAL CHEMISTRY, vol.59, no.3, pp.346-350, 2020 (SCI-Expanded)
- XXI. **Mathematical Modeling and Drying Characteristics Investigation of Black Mulberry Dried by Microwave Method**
Kıpçak A. S., Doymaz İ.
INTERNATIONAL JOURNAL OF FRUIT SCIENCE, vol.20, no.S3, 2020 (SCI-Expanded)
- XXII. **An accelerated and effective synthesis of zinc borate from zinc sulfate using sonochemistry**
Ersan A. C., KIPÇAK A. S., Ozen M. Y., TUĞRUL N.
MAIN GROUP METAL CHEMISTRY, vol.43, no.1, pp.7-14, 2020 (SCI-Expanded)
- XXIII. **A new rapid synthesis of potassium borates by microwave irradiation**
İla S., Kıpçak A. S., Möröyodor Derun E.
MAIN GROUP CHEMISTRY, vol.19, no.4, pp.265-272, 2020 (SCI-Expanded)
- XXIV. **MICROWAVE AND INFRARED DRYING KINETICS AND ENERGY CONSUMPTION OF CHERRY TOMATOES**
KIPÇAK A. S., DOYMAZ İ.
CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, vol.26, no.2, pp.203-212, 2020 (SCI-Expanded)
- XXV. **Temperature controlled infrared drying kinetics of mussels**
Sevim S., DERUN E., TUĞRUL N., DOYMAZ İ., KIPÇAK A. S.
JOURNAL OF THE INDIAN CHEMICAL SOCIETY, vol.96, no.9, pp.1233-1238, 2019 (SCI-Expanded)
- XXVI. **INFRARED DRYING KINETICS OF BLUE MUSSELS AND PHYSICAL PROPERTIES**
Kıpçak A. S., Doymaz İ., Derun E. M.
CHEMICAL INDUSTRY & CHEMICAL ENGINEERING QUARTERLY, vol.25, pp.1-10, 2019 (SCI-Expanded)
- XXVII. **REUSE OF MAGNESIUM WASTES IN HYDROTHERMAL SYNTHESIS OF A MAGNESIUM BORATE MINERAL: ADMONTITE**
Kıpçak A. S., Şenberber F. T., Derun E., Pişkin S.
ENVIRONMENTAL ENGINEERING AND MANAGEMENT JOURNAL, vol.17, no.3, pp.537-544, 2018 (SCI-Expanded)
- XXVIII. **Comparison of the microwave drying kinetics of culture and natural asparagus**
Kıpçak A. S., İsmail O.
ACTA SCIENTIARUM-TECHNOLOGY, vol.40, 2018 (SCI-Expanded)
- XXIX. **Lanthanum borate synthesis via the solid-state method from a La₂O₃ precursor: Electrical and optical properties**
Sari S., SENBERBER F. T., Yildirim M., KIPÇAK A. S., Yuksel S., Derun E.
MATERIALS CHEMISTRY AND PHYSICS, vol.200, pp.196-203, 2017 (SCI-Expanded)
- XXX. **Sonochemical-assisted magnesium borate synthesis from different boron sources**
Yildirim M., KIPÇAK A. S., Derun E.
Polish Journal of Chemical Technology, vol.19, no.1, pp.81-88, 2017 (SCI-Expanded)
- XXXI. **Microwave drying kinetics of mussels (*Mytilus edulis*)**
KIPÇAK A. S.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.43, no.3, pp.1429-1445, 2017 (SCI-Expanded)
- XXXII. **Thin-layer drying kinetics of nectarine slices using IR, MW and hybrid methods**
İSMAİL O., KIPÇAK A. S., DOYMAZ İ., Pişkin S.
BULGARIAN CHEMICAL COMMUNICATIONS, vol.49, no.1, pp.92-100, 2017 (SCI-Expanded)
- XXXIII. **Dehydration behavior and kinetics of kurnakovite under microwave irradiation**
SENBERBER F. T., Yildirim M., OZDOĞAN I. N., KIPÇAK A. S., DERUN E.
TURKISH JOURNAL OF CHEMISTRY, vol.41, no.3, pp.399-409, 2017 (SCI-Expanded)

- XXXIV. **A green sonochemical synthesis of zinc borates from Zn-5(CO₃)(2)center dot(OH)(6)**
Vardar D. S., Senberber F. T., Kıpçak A. S., Tuğrul N.
MAIN GROUP CHEMISTRY, vol.16, pp.160-170, 2017 (SCI-Expanded)
- XXXV. **Determination of lemon and carbonate effects on caffeine content of various teas and investigation of daily caffeine intakes**
DEMİR F., KIPÇAK A. S., Ozdemir O. D., PİŞKİN M. B., Derun E.
TURKISH JOURNAL OF BIOCHEMISTRY-TURK BIYOKIMYA DERGISI, vol.41, no.5, pp.308-315, 2016 (SCI-Expanded)
- XXXVI. **A new approach on the evaluation of magnesium wastes in the magnesium borate synthesis using the novel method of ultrasonic irradiation**
KIPÇAK A. S., Derun E.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.42, no.8, pp.6663-6679, 2016 (SCI-Expanded)
- XXXVII. **The effect of lemon on the essential element concentrations of herbal and fruit teas**
GORGULU T. Y., Ozdemir O. D., Kıpçak A. S., Piskin M. B., Derun E.
APPLIED BIOLOGICAL CHEMISTRY, vol.59, no.3, pp.425-431, 2016 (SCI-Expanded)
- XXXVIII. **Thermal dehydration kinetics and characterization of synthesized potassium borates**
Ortega Asensio M., Yildirim M., SENBERBER F. T., KIPÇAK A. S., Derun E.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.42, no.5, pp.4859-4878, 2016 (SCI-Expanded)
- XXXIX. **Characterization and physical properties of hydrated zinc borates synthesized from sodium borates**
Kıpçak A. S., SENBERBER F. T., Yildirim M., Yuksel S. A., Derun E., Tuğrul N.
MAIN GROUP METAL CHEMISTRY, vol.39, pp.59-66, 2016 (SCI-Expanded)
- XL. **A Novel Synthesis of Zinc Borates from a Zinc Oxide Precursor via Ultrasonic Irradiation**
ERSAN A. C., Yildirim M., KIPÇAK A. S., TUĞRUL N.
ACTA CHIMICA SLOVENICA, vol.63, no.4, pp.881-890, 2016 (SCI-Expanded)
- XLI. **Synthesis of dehydrated zinc borates using the solid-state method: Characterization and investigation of the physical properties**
KIPÇAK A. S., ACARALI N., SENBERBER F. T., Yildirim M., KOC S. N. T., Yuksel S., PİŞKİN M. B., Derun E., TUĞRUL N.
MAIN GROUP CHEMISTRY, vol.15, no.4, pp.301-313, 2016 (SCI-Expanded)
- XLII. **Characterization and thermal dehydration kinetics of zinc borates synthesized from zinc sulfate and zinc chloride**
KIPÇAK A. S., SENBERBER F. T., Moroydor Derun E., TUĞRUL N., Piskin S.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.41, no.11, pp.9129-9143, 2015 (SCI-Expanded)
- XLIII. **Synthesis, characterisation, electrical and optical properties of copper borate compounds**
KIPÇAK A. S., SENBERBER F. T., Yuksel S. A., Derun E., Piskin S.
MATERIALS RESEARCH BULLETIN, vol.70, pp.442-448, 2015 (SCI-Expanded)
- XLIV. **A low-temperature, environment-friendly approach to the synthesis of magnesium borates using magnesium waste scraps**
KAPLAN A., KIPÇAK A. S., SENBERBER F. T., Derun E., Piskin S.
MAIN GROUP METAL CHEMISTRY, vol.38, pp.99-110, 2015 (SCI-Expanded)
- XLV. **Characterization and thermal dehydration kinetics of admontite mineral hydrothermally synthesized from magnesium oxide and boric acid precursor**
Derun E., Kıpçak A. S., Senberber F. T., Yilmaz M.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.41, pp.853-866, 2015 (SCI-Expanded)
- XLVI. **Synthesis, characterization, and electrical and optical properties of magnesium-type boracite**
IBROSKA T., KIPÇAK A. S., AYDIN YÜKSEL S., DERUN E., Piskin S.
TURKISH JOURNAL OF CHEMISTRY, vol.39, no.5, pp.1025-1037, 2015 (SCI-Expanded)
- XLVII. **Microwave Drying of Green Bean Slices: Drying Kinetics and Physical Quality**
DOYMAZ İ., KIPÇAK A. S., Piskin S.
CZECH JOURNAL OF FOOD SCIENCES, vol.33, no.4, pp.367-376, 2015 (SCI-Expanded)
- XLVIII. **Characteristics of Thin-layer Infrared Drying of Green Bean**
DOYMAZ İ., KIPÇAK A. S., Piskin S.
CZECH JOURNAL OF FOOD SCIENCES, vol.33, no.1, pp.83-90, 2015 (SCI-Expanded)

- XLIX. **The characterisation of mcallisterite synthesised from bischofite via the hydrothermal method**
GURSES P., Yildirim M., KIPÇAK A. S., Yuksel S., Derun E., Piskin S.
MAIN GROUP CHEMISTRY, vol.14, no.3, pp.199-213, 2015 (SCI-Expanded)
- L. **Neutron Permeation Properties and Characterization of Synthesized Non-Hydrated Magnesium Borate Minerals**
KIPÇAK A. S., DERUN E., SENBERBER F. T., Ozdemir O. D., Baysoy D. Y., Piskin S.
ASIAN JOURNAL OF CHEMISTRY, vol.26, no.18, pp.6033-6038, 2014 (SCI-Expanded)
- LI. **Characterisation and determination of the neutron transmission properties of sodium-calcium and sodium borates from different regions in Turkey**
KIPÇAK A. S., Derun E., Piskin S.
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.301, no.1, pp.175-188, 2014 (SCI-Expanded)
- LII. **DETERMINATION OF THE EFFECT OF LEMON ADDITION UPON ELEMENT CONCENTRATIONS IN TEA**
Ozdemir O. D., KIPÇAK A. S., Derun E., Piskin S.
INSTRUMENTATION SCIENCE & TECHNOLOGY, vol.42, no.2, pp.153-160, 2014 (SCI-Expanded)
- LIII. **Modeling and Investigation of the Swelling Kinetics of Acrylamide-Sodium Acrylate Hydrogel**
KIPÇAK A. S., İSMAİL O., DOYMAZ İ., Piskin S.
JOURNAL OF CHEMISTRY, 2014 (SCI-Expanded)
- LIV. **Synthesis and characterization of magnesium borate minerals of admontite and mcallisterite obtained via ultrasonic mixing of magnesium oxide and various sources of boron: a novel method**
KIPÇAK A. S., Derun E., Piskin S.
TURKISH JOURNAL OF CHEMISTRY, vol.38, no.5, pp.792-805, 2014 (SCI-Expanded)
- LV. **Examination of the Lemon Effect on Risk Elements Concentrations in Herbal and Fruit Teas**
YALCIN GORGULU T., KIPÇAK A. S., Dere Ozdemir O., Moroydor Derun E., Piskin S.
CZECH JOURNAL OF FOOD SCIENCES, vol.32, no.6, pp.555-562, 2014 (SCI-Expanded)
- LVI. **The Synthesis and Physical Properties of Magnesium Borate Mineral of Admontite Synthesized from Sodium Borates**
KIPÇAK A. S., Yildirim M., Yuksel S. A., Derun E., Piskin S.
ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, 2014 (SCI-Expanded)
- LVII. **Effect of Magnesium Borates on the Fire-Retarding Properties of Zinc Borates**
Kıpçak A. S., Acarali N., Derun E., Tuğrul N., Piskin S.
JOURNAL OF CHEMISTRY, 2014 (SCI-Expanded)
- LVIII. **Characterization of boron carbide particles and its shielding behavior against neutron radiation**
KIPÇAK A. S., Gurses P., DERUN E., TUĞRUL N., Piskin S.
ENERGY CONVERSION AND MANAGEMENT, vol.72, pp.39-44, 2013 (SCI-Expanded)
- LIX. **Modeling of absorption kinetics of poly(acrylamide) hydrogels crosslinked by EGDMA and PEGDMAs**
İSMAİL O., KIPÇAK A. S., Piskin S.
RESEARCH ON CHEMICAL INTERMEDIATES, vol.39, no.3, pp.907-919, 2013 (SCI-Expanded)
- LX. **Magnesium Borate Synthesis by Microwave Energy: A New Method**
KIPÇAK A. S., Derun E., Piskin S.
JOURNAL OF CHEMISTRY, 2013 (SCI-Expanded)
- LXI. **Characterization and Neutron Shielding Behavior of Dehydrated Magnesium Borate Minerals Synthesized via Solid-State Method**
KIPÇAK A. S., Baysoy D. Y., Derun E., Piskin S.
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DERUN E., KIPÇAK A. S., Project Supported by Higher Education Institutions, Türkiye'de Bulunan Çeşitli Çay ve Kahvelerin, Kafein ve Element İçeriklerinin Farklı Yöntemler ile Belirlenmesi ve İnsan Sağlığına olan Etkilerinin Araştırılması, 2013 - 2016

KIPÇAK A. S., Project Supported by Higher Education Institutions, Farklı Sodyum Borat Minerallerinden Çeşitli Yöntemler ile Magnezyum Borat Sentezlenmesi, Karakterizasyonu ve Sentez Parametrelerinin İncelenmesi, 2013 - 2015

TUĞRUL N., KIPÇAK A. S., SARI YILMAZ M., ACARALI N., Project Supported by Higher Education Institutions, Farklı Bölgelerden Alman Uçucu Küllerin Ağır Metal İyonlarının Adsorbansı Üzerinde Etkilerinin İncelenmesi, 2011 - 2014

DERUN E., KIPÇAK A. S., SARI YILMAZ M., Project Supported by Higher Education Institutions, Farklı Magnezyum Ve Bor Kaynaklarından Magnezyum Boratların Üretimi Ve Üretim Parametrelerinin İncelenmesi, 2012 - 2013

PİŞKİN S., KIPÇAK A. S., SARI YILMAZ M., Project Supported by Higher Education Institutions, Düşük Maliyetli Yüksek Verimli Hidrofobik ve Nano Yapılı Yeni Çinko Borat Üretim Teknolojilerinin Geliştirilmesi, 2010 - 2012

DERUN E., KIPÇAK A. S., Project Supported by Higher Education Institutions, Bor Katkılı Yarı İletken Alaşımlar Kullanılarak Nanokompozit Ve Nanokristal Malzemelerin Üretimi, 2009 - 2012

Scientific Refereeing

Main Group Chemistry, SCI Journal, July 2017

Main Group Chemistry, SCI Journal, July 2017

Chemical Industry & Chemical Engineering Quarterly, SCI Journal, June 2017

Spectroscopy Letters, SCI Journal, May 2017

Chemical Industry & Chemical Engineering Quarterly, SCI Journal, May 2017

Gazi Üniversitesi Mühendislik-Mimarlık Fakültesi Dergisi, SCI Journal, May 2017

International Journal of Materials Research, SCI Journal, January 2017

Food Research International, SCI Journal, August 2015

Journal of Thermal Engineering, SCI Journal, July 2015

Chemical Engineering Communications, SCI Journal, March 2015

International Journal of Food Engineering, SCI Journal, April 2014

Journal of Food Processing and Preservation, SCI Journal, April 2014
Instrumentation Science & Technology, SCI Journal, March 2014
Journal of Food Processing and Preservation, SCI Journal, November 2013
Journal of Food Processing and Preservation, SCI Journal, May 2013
Chemical Engineering Communications, SCI Journal, May 2013

Metrics

Publication: 219
Citation (WoS): 699
Citation (Scopus): 732
H-Index (WoS): 17
H-Index (Scopus): 16

Congress and Symposium Activities

6th Annual International Conference on Chemistry, Attendee, Athens, Greece, 2018
International Conference on Energy and Thermal Engineering, Attendee, İstanbul, Turkey, 2017
12. Ulusal Kimya Mühendisliği Kongresi (UKMK 2016), Attendee, İzmir, Turkey, 2016
Conference on Advances in Mechanical Engineering, Attendee, Turkey, 2016
CHEMTECH'14: Chemical Technologies and Chemical Engineering Conference, Attendee, Turkey, 2014
The International Journal of Arts & Sciences' (IJAS) International Conference for Academic Disciplines, Attendee, Wien, Austria, 2014
Advanced Materials World Congress, Attendee, İzmir, Turkey, 2013
The International Conference on Environmental Science and Technolog, Attendee, Nevşehir, Turkey, 2013
ICCEE 2013: International Conference on Chemical and Environmental Engineering, Attendee, Berlin, Germany, 2013
ICCE 2012: International Conference on Chemical Engineering, Attendee, Paris, France, 2012
26. Uluslararası Katılımlı Ulusal Kimya Kongresi, Attendee, Muğla, Turkey, 2012
ICESE 2012: International Conference on Environmental Science and Engineering, Attendee, Amsterdam, Netherlands, 2012
3. International Conference on Nuclear and Renewable Energy Resources, Attendee, İstanbul, Turkey, 2012
12. Mediterranean Congress in Chemical Engineering, Attendee, Barcelona, Spain, 2011
2nd International Conference on Nuclear and Renewable Energy Resources, Attendee, Ankara, Turkey, 2010
The Fourth International Student Conference on Advanced Science and Technology (ICAST), Attendee, İzmir, Turkey, 2010
2009 Multilingual Interdisciplinary Conference on Chemical, Mechanical and Materials Engineering (2009 ICCMME) with Virtual Participation, Attendee, Melbourne, Australia, 2009
3rd Balkan Mining Congress, Attendee, Turkey, 2009
7th International Mineral Symposium and Exhibition, Attendee, Aydın, Turkey, 2009
1. Ulusal Kimya Sempozyumu, Attendee, İstanbul, Turkey, 2007

Awards

KIPÇAK A. S., 2014 eğitim-öğretim yılında uluslararası indeksli dergilerde yayın yapmak, Yıldız Teknik Üniversitesi, December 2014
KIPÇAK A. S., 2014 eğitim-öğretim yılında uluslararası indeksli dergilerde en fazla yayın yapan Araştırma Görevlilerimiz arasında birinci sırayı almak, Yıldız Teknik Üniversitesi, December 2014
KIPÇAK A. S., Science Citation Index-Expanded kapsamındaki dergilerde 2012-2013 döneminde yayın yapan öğretim

üyelerimiz arasında yer almak, Yıldız Teknik Üniversitesi, December 2013

KIPÇAK A. S., Science Citation Index-Expanded kapsamında dergilerde 2011-2012 döneminde yayın yapan öğretim elemanlarımız arasında yer bulunmak, Yıldız Teknik Üniversitesi, December 2012