

## Assoc. Prof. Azmi Seyhun KIPÇAK

### Personal Information

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### Education Information

Doctorate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Kimya Mühendisliği Abd, Turkey 2009 - 2013

Post Graduate, Yıldız Teknik Üniversitesi, Graduate School of Natural and Applied Sciences, Kimya Mühendisliği Abd, Turkey 2006 - 2009

Masters Without Thesis, Yıldız Teknik Üniversitesi, Graduate School of Social Sciences, Department of Business Administration, Turkey 2002 - 2004

Under Graduate, Ege Üniversitesi, Graduate School of Natural and Applied Sciences, Kimya Mühendisliği, Turkey 1998 - 2002

### Foreign Languages

English, C2 Proficiency

### 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

Post Graduate, Bazı Bor Bileşiklerinin Nötron Zırlamasında 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

Associate Professor, Yıldız Teknik Üniversitesi, Kimya Metalurji Fakültesi, Kimya Mühendisliği, 2018 - Continues  
Research Assistant PhD, Yıldız Teknik Üniversitesi, Kimya Metalurji Fakültesi, Kimya Mühendisliği Bölümü, 2013 - 2018  
Research Assistant, Yıldız Teknik Üniversitesi, Kimya Metalurji Fakültesi, Kimya Mühendisliği Bölümü, 2008 - 2013

## Courses

Computer Aided Advanced Chemical Engineering Applicatons, Under Graduate, 2018 - 2019  
Graduation Thesis, Under Graduate, 2018 - 2019  
Gıda Mühendisliğinde Bilgisayar Uygulamaları, Under Graduate, 2018 - 2019  
Chemical Technologies, Under Graduate, 2018 - 2019  
Chemical Engineering Lab. III, Under Graduate, 2018 - 2019  
Chemical Engineering Calculations, Under Graduate, 2018 - 2019  
Kimya Mühendisliği Lab. III, Under Graduate, 2017 - 2018  
Chemical Engineering Economics, Under Graduate, 2018 - 2019  
Mass Transfer in Bioengineering, Under Graduate, 2018 - 2019  
Bioprocess Engineering, Under Graduate, 2018 - 2019  
Total Quality Assurance in Chemical Engineering, Under Graduate, 2017 - 2018  
Chemical Technologies, Under Graduate, 2017 - 2018  
Chemical Engineering Calculations, Under Graduate, 2017 - 2018  
Mass Transfer in Bioengineering, Under Graduate, 2017 - 2018  
Analysis Methods in Chemical Industry, Under Graduate, 2017 - 2018  
Bioprocess Engineering, Under Graduate, 2017 - 2018

## Advising Theses

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

## Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

- **Microwave and Infrared Drying Kinetics and Energy Consumption of Cherry Tomatoes**  
Kıpçak A. S. , Doymaz İ.  
Chemical Industry & Chemical Engineering Quarterly, vol.26, pp.203-212, 2020 (Journal Indexed in SCI Expanded)
- **Mathematical Modeling and Drying Characteristics Investigation of Black Mulberry Dried by Microwave Method**  
KIPÇAK A. S. , DOYMAZ İ.  
INTERNATIONAL JOURNAL OF FRUIT SCIENCE, 2020 (Journal Indexed in SCI)
- **Effects of microwaves on the dehydration characteristics of santite**  
Senberber F. T. , DERUN E., KIPÇAK A. S.  
RESEARCH ON CHEMICAL INTERMEDIATES, 2020 (Journal Indexed in SCI)

- **Microwave drying of fish, chicken and beef samples**  
KIPÇAK A. S. , İSMAIL O.  
JOURNAL OF FOOD SCIENCE AND TECHNOLOGY-MYSORE, 2020 (Journal Indexed in SCI)
- **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, 2020 (Journal Indexed in SCI)
- **An Accelerated and Effective Synthesis of Zinc Borate from Zinc Sulfate Using Sonochemistry**  
Erşan A., Kıpçak A. S. , Yıldırım Özen M., Tuğrul N.  
MAIN GROUP METAL CHEMISTRY, vol.43, pp.7-14, 2020 (Journal Indexed in SCI Expanded)
- **Thermal Dehydration Kinetics of Non-Crystalline Manganese Borate**  
Tuğrul N., Fırat E., Kıpçak A. S. , Yıldırım Özen M., Şenberber F. T. , Derun E.  
Indian Journal Of Chemistry Section A-Inorganic Bio-Inorganic Physical Theoretical & Analytical Chemistry, vol.59, pp.346-350, 2020 (Journal Indexed in SCI Expanded)
- **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, pp.1233-1238, 2019 (Journal Indexed in SCI)
- **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 (Journal Indexed in SCI)
- **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, pp.537-544, 2018 (Journal Indexed in SCI)
- **Comparison of the microwave drying kinetics of culture and natural asparagus**  
Kıpçak A. S. , İsmail O.  
ACTA SCIENTIARUM-TECHNOLOGY, vol.40, 2018 (Journal Indexed in SCI)
- **Lanthanum borate synthesis via the solid-state method from a La<sub>2</sub>O<sub>3</sub> precursor: Electrical and optical properties**  
Sari S., SENBERBER F. T. , Yıldırım M., KIPÇAK A. S. , Yuksel S., Derun E.  
MATERIALS CHEMISTRY AND PHYSICS, vol.200, pp.196-203, 2017 (Journal Indexed in SCI)
- **Microwave drying kinetics of mussels (*Mytilus edulis*)**  
KIPÇAK A. S.  
RESEARCH ON CHEMICAL INTERMEDIATES, vol.43, pp.1429-1445, 2017 (Journal Indexed in SCI)
- **Sonochemical-assisted magnesium borate synthesis from different boron sources**  
Yıldırım M., KIPÇAK A. S. , Derun E. M.  
POLISH JOURNAL OF CHEMICAL TECHNOLOGY, vol.19, pp.81-88, 2017 (Journal Indexed in SCI)
- **A green sonochemical synthesis of zinc borates from Zn-5(CO<sub>3</sub>)<sub>2</sub>center dot(OH)(6)**  
Vardar D. S. , Senberber F. T. , Kıpçak A. S. , Tuğrul N.  
MAIN GROUP CHEMISTRY, vol.16, pp.160-170, 2017 (Journal Indexed in SCI)
- **Dehydration behavior and kinetics of kurnakovite under microwave irradiation**  
SENERBERBER F. T. , Yıldırım M., OZDOĞAN I. N. , KIPÇAK A. S. , DERUN E.  
TURKISH JOURNAL OF CHEMISTRY, vol.41, pp.399-409, 2017 (Journal Indexed in SCI)
- **Thin-layer drying kinetics of nectarine slices using IR, MW and hybrid methods**  
İSMAİL O., KIPÇAK A. S. , DOYMAZ İ., PİSKİN S.  
BULGARIAN CHEMICAL COMMUNICATIONS, vol.49, pp.92-100, 2017 (Journal Indexed in SCI)
- **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 BIYOKİMYA DERGİSİ, vol.41, pp.308-315, 2016 (Journal Indexed in SCI)

- **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, pp.6663-6679, 2016 (Journal Indexed in SCI)
- **The effect of lemon on the essential element concentrations of herbal and fruit teas**  
GORGULU T. Y. , Ozdemir O. D. , Kipcak A. S. , Piskin M. B. , Derun E.  
APPLIED BIOLOGICAL CHEMISTRY, vol.59, pp.425-431, 2016 (Journal Indexed in SCI)
- **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, pp.4859-4878, 2016 (Journal Indexed in SCI)
- **Characterization and physical properties of hydrated zinc borates synthesized from sodium borates**  
Kipcak A. S. , SENBERBER F. T. , Yildirim M., Yuksel S. A. , Derun E., Tugrul N.  
MAIN GROUP METAL CHEMISTRY, vol.39, pp.59-66, 2016 (Journal Indexed in SCI)
- **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., PIŞKİN M. B. , Derun E., TUĞRUL N.  
MAIN GROUP CHEMISTRY, vol.15, pp.301-313, 2016 (Journal Indexed in SCI)
- **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, pp.881-890, 2016 (Journal Indexed in SCI)
- **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, pp.9129-9143, 2015 (Journal Indexed in SCI)
- **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 (Journal Indexed in SCI)
- **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 (Journal Indexed in SCI)
- **Characterization and thermal dehydration kinetics of admontite mineral hydrothermally synthesized from magnesium oxide and boric acid precursor**  
Derun E., Kipçak A. S. , Senberber F. T. , Yilmaz M.  
RESEARCH ON CHEMICAL INTERMEDIATES, vol.41, pp.853-866, 2015 (Journal Indexed in SCI)
- **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, pp.367-376, 2015 (Journal Indexed in SCI)
- **Characteristics of Thin-layer Infrared Drying of Green Bean**  
DOYMAZ İ., KIPÇAK A. S. , Piskin S.  
CZECH JOURNAL OF FOOD SCIENCES, vol.33, pp.83-90, 2015 (Journal Indexed in SCI)
- **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, pp.1025-1037, 2015 (Journal Indexed in SCI)
- **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, pp.199-213, 2015 (Journal Indexed in SCI)
- **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, pp.6033-6038, 2014 (Journal Indexed in SCI)
- **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, pp.175-188, 2014 (Journal Indexed in SCI)

- **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, pp.153-160, 2014 (Journal Indexed in SCI)
- **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 (Journal Indexed in SCI)
- **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, pp.792-805, 2014 (Journal Indexed in SCI)
- **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 (Journal Indexed in SCI)
- **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, pp.555-562, 2014 (Journal Indexed in SCI)
- **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 (Journal Indexed in SCI)
- **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 (Journal Indexed in SCI)
- **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, pp.907-919, 2013 (Journal Indexed in SCI)
- **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.  
ADVANCES IN MATERIALS SCIENCE AND ENGINEERING, 2013 (Journal Indexed in SCI)
- **Magnesium Borate Synthesis by Microwave Energy: A New Method**  
KIPÇAK A. S. , Derun E., Piskin S.  
JOURNAL OF CHEMISTRY, 2013 (Journal Indexed in SCI)
- **Characterization of some boron minerals against neutron shielding and 12 year performance of neutron permeability**  
DERUN E., KIPÇAK A. S.  
JOURNAL OF RADIOANALYTICAL AND NUCLEAR CHEMISTRY, vol.292, pp.871-878, 2012 (Journal Indexed in SCI)

### **Articles Published in Other Journals**

- **Drying of Okra by Different Drying Methods: Comparison of Drying time, Product Color Quality, Energy Consumption and Rehydration**  
İsmail O., Kıpçak A. S. , Doymaz İ.  
Athens Journal of Sciences, vol.6, pp.155-168, 2019 (International Refereed University Journal)
- **Zinc Adsorption Determination of HISOI Activated Pomegranate Peel**  
Türkmen Koç Ş. N. , Kıpçak A. S. , Pişkin M. B. , Derun E., Tuğrul N.  
International Journal of Environmental and Ecological Engineering, no.2, pp.76-79, 2019 (Refereed Journals of Other Institutions)

- **Vitis Labrusca L. Tipi Üzümün Mikrodalga Metodu ile Kurutma Kinetiğinin İncelenmesi**  
Kıpçak A. S. , Saygı Yalçın B.  
Türk Tarım - Gıda Bilim ve Teknoloji Dergisi, vol.7, pp.631-638, 2019 (National Refreed University Journal)
- **DRYING CHARACTERISTICS INVESTIGATION OF BLACK MULBERRY DRIED VIA INFRARED METHOD**  
DOYMAZ İ., KIPÇAK A. S.  
JOURNAL OF THERMAL ENGINEERING, vol.5, pp.13-21, 2019 (Journal Indexed in ESCI)
- **INVESTIGATION OF INFRARED DRYING OF POMEGRANATE BY-PRODUCTS**  
DOYMAZ İ., KIPÇAK A. S.  
JOURNAL OF THERMAL ENGINEERING, vol.4, pp.1821-1827, 2018 (Journal Indexed in ESCI)
- **MICROWAVE DEHYDRATION MODELLING OF TINCALCONITE**  
Coban S., Ozkarasu B., Senberber F. T. , KIPÇAK A. S. , DOYMAZ İ., DERUN E.  
JOURNAL OF THERMAL ENGINEERING, vol.4, pp.1803-1812, 2018 (Journal Indexed in ESCI)
- **EFFECT OF PRE-TREATMENT AND AIR TEMPERATURE ON DRYING TIME OF CHERRY TOMATO**  
DOYMAZ İ., KIPÇAK A. S.  
JOURNAL OF THERMAL ENGINEERING, vol.4, pp.1648-1655, 2018 (Journal Indexed in ESCI)
- **Low Temperature Solid-State Synthesis and Characterization of LaBO<sub>3</sub>**  
Kıpçak A. S.  
Uludağ University Journal of The Faculty of Engineering, vol.21, pp.227, 2016 (Other Refereed National Journals)
- **Determination of the Element Contents in Turkish Coffee and Effect of Sugar Addition**  
FERCAN M. M. , KIPÇAK A. S. , DERE ÖZDEMİR Ö., PİŞKİN M. B. , DERUN E.  
International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, vol.10, pp.107-110, 2016 (Refereed Journals of Other Institutions)
- **Investigation of Utilization Possibility of Fluid Gas Desulfurization Waste for Industrial Waste Water Treatment**  
KIZILTAŞ DEMİR S., KIPÇAK A. S. , DERUN E., TUĞRUL N., PİŞKİN S.  
International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, vol.9, pp.1395-1399, 2015 (Refereed Journals of Other Institutions)
- **Microwave Dehydration Behaviour of Inderite and Comparison with Thermal Analyses Methods**  
ÖZDOĞAN İ. N. , AKSOY Y. T. , ŞENBERBER F. T. , KIPÇAK A. S. , PİŞKİN M. B. , DERUN E.  
Celal Bayar University Journal of Science, vol.11, pp.373-377, 2015 (Other Refereed National Journals)
- **The Investigation of the Element Contents in the Turkish Coffees**  
DEMİR F., SELVİ N., KIPÇAK A. S. , DERE ÖZDEMİR Ö., PİŞKİN M. B. , DERUN E.  
Celal Bayar University Journal of Science, vol.11, pp.423-428, 2015 (Other Refereed National Journals)
- **Determination Optimum B<sub>2</sub>O<sub>3</sub> KCl and NaOH Molar Ratios in the Synthesis of Potassium Borates**  
KIPÇAK A. S. , GÜNAL M., İLA S., YILDIRIM M., PİŞKİN M. B. , DERUN E.  
Celal Bayar University Journal of Science, vol.11, pp.409-412, 2015 (Other Refereed National Journals)
- **Zinc Borate Synthesis Using Hydrozincite and Boric Acid with Ultrasonic Method**  
VARDAR D. S. , KIPÇAK A. S. , ŞENBERBER F. T. , DERUN E., PİŞKİN S.  
International Journal of Chemical, Molecular, Nuclear, Materials and Metallurgical Engineering, vol.9, pp.1287-1290, 2015 (Refereed Journals of Other Institutions)
- **The Adsorption of Zinc Metal in Waste Water Using ZnCl<sub>2</sub> Activated Pomegranate Peel**  
TÜRKMEN Ş. N. , KIPÇAK A. S. , TUĞRUL N., DERUN E., PİŞKİN S.  
International Journal of Environmental, Chemical, Ecological, Geological and Geophysical Engineering, vol.9, pp.449-452, 2015 (Refereed Journals of Other Institutions)
- **Determination and Comparison of Some Elements in Different Types of Orange Juices and Investigation of Health Effects**  
DEMİR F., KIPÇAK A. S. , DERE ÖZDEMİR Ö., DERUN E., PİŞKİN S.  
International Journal of Biological, Biomolecular, Agricultural, Food and Biotechnological Engineering, vol.9, pp.498-502, 2015 (Refereed Journals of Other Institutions)
- **The Determination of the Potassium Nitrate Sodium Hydroxide and Boric Acid Molar Ratio in the Synthesis of Potassium Borates via Hydrothermal Method**  
YILDIRIM M., KIPÇAK A. S. , ŞENBERBER F. T. , ASENSIO M. O. , DERUN E., PİŞKİN S.  
International Journal of Chemical, Nuclear, Materials and Metallurgical Engineering, vol.9, pp.551-554, 2015

(Refereed Journals of Other Institutions)

- **The Investigation of the Molar Ratio Change of  $MgCl_2 \cdot 6H_2O$ ,  $MgO$  and  $H_3BO_3$  on the Production of Magnesium Borates via Microwave Method**  
YILDIRIM M., GURSES P., KIPÇAK A. S., DERUN E., PIŞKİN S.  
Academic Journal of Science, vol.3, no.3, pp.409-415, 2015 (Refereed Journals of Other Institutions)
- **The Microwave Synthesis of Magnesium Borates from  $MgCl_2 \cdot 6H_2O$  Tincalconite and Boric acid**  
KIPÇAK A. S., YILDIRIM M., DERUN E., PIŞKİN S.  
Academic Journal of Science, vol.3, pp.401-408, 2015 (Refereed Journals of Other Institutions)
- **Comparison Study on Characterization of Various Fly Ashes for Heavy Metal Adsorption**  
Derun E., Tuğrul N., Acaralı N., Kıpçak A. S., Pişkin S.  
International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering, vol.10, pp.998-1002, 2014 (Refereed Journals of Other Institutions)
- **The Optimization of Copper Sulfate and Tincalconite Molar Ratios on the Hydrothermal Synthesis of Copper Borates**  
DERUN E., TUĞRUL N., SENBERBER F. T., KIPÇAK A. S., PIŞKİN S.  
International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering, vol.10, pp.993-997, 2014 (Refereed Journals of Other Institutions)
- **The Effect of Solution Density on the Synthesis of Magnesium Borate from Boron Gypsum**  
TUĞRUL N., SARIBURUN E., SENBERBER F. T., KIPÇAK A. S., DERUN E., PIŞKİN S.  
International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering, vol.10, pp.960-964, 2014 (Refereed Journals of Other Institutions)
- **The Cadmium Adsorption Study by Using Seyitomer Fly Ash, Diatomite and Molasses in Wastewater**  
Tuğrul N., Derun E., Çınar E., Kıpçak A. S., Acaralı N., Pişkin S.  
International Journal of Chemical, Nuclear, Metallurgical and Materials Engineering, no.8, pp.956-959, 2014 (Refereed Journals of Other Institutions)
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- **Modelling of the Octopus Vulgaris Dried by Microwave Method**  
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## Invited 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  
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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  
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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  
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## Awards

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