

## Asst. Prof. BERÇEM KIRAN YILDIRIM

### Personal Information

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### Biography

Dr. Berçem Kiran-Yildirim graduated with an honor degree in Chemical Engineering from Marmara University in 2006. She completed her MSc and Ph.D. degrees in Chemical Engineering, Marmara University. She studied at Zentrum für Ingenieurwissenschaften, Verfahrenstechnik/TVT Laboratory, Martin Luther University as an Erasmus student in 2007. She has been as a "Guest Researcher" at the Institute of Process Engineering in Life Sciences, Section I: Food Process Engineering, Karlsruhe Institute of Technology between 07.2018-12.2019. She has been awarded with a "Research Stays for University Academics and Scientists" scholarship by DAAD in 2018 and an "International Postdoctoral Research" scholarship by TUBITAK in 2019. She has been working as a faculty member in Marmara University since 2008.

Her research interests are in the fields of crystallization, recrystallization, adsorption, filtration.

### Education Information

Doctorate, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Department Of Chemical Engineering (Eng), Turkey 2009 - 2017

Postgraduate, Marmara University, Institute For Graduate Studies In Pure And Applied Sciences, Department Of Chemical Engineering (Eng), Turkey 2006 - 2008

Undergraduate, Marmara University, Faculty Of Engineering, Chemical Engineering, Turkey 2002 - 2006

### Foreign Languages

English, C1 Advanced

### Dissertations

Doctorate, Crystallization kinetics of calcium lactate in the presence of amino and fatty acids, Marmara Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği (Dr), 2016

Postgraduate, Investigation of The Effect of Urine Proteins on Calcium Oxalate Crystallization, Marmara University, Faculty of Engineering, Kimya Mühendisliği Bölümü, 2009

### Research Areas

Chemical Engineering and Technology, Basic Operations and Thermodynamics, Engineering and Technology

### Academic Titles / Tasks

Assistant Professor, Marmara University, Faculty Of Engineering, Chemical Engineering, 2020 - Continues  
Research Assistant, Marmara University, Faculty Of Engineering, Chemical Engineering, 2008 - 2020

## Courses

Undergraduate, 2017 - 2018, 2020 - 2021  
Membrane Processes, Undergraduate, 2019 - 2020, 2020 - 2021  
Basic Chemistry, Undergraduate, 2020 - 2021  
Undergraduate, 2017 - 2018, 2020 - 2021  
Basic Chemistry, Undergraduate, 2017 - 2018  
Basic Chemistry, Undergraduate, 2017 - 2018  
Statistics for Engineers, Undergraduate, 2017 - 2018

## Advising Theses

Kıran Yıldırım B., Mançuhan E., Experimental and theoretical investigations of the effects of innovative phase change materials on cooling system performance, Postgraduate, A.Ersoy(Student), Continues  
Kıran Yıldırım B., Genç S., Synthesis and characterization of a novel magnetic bio-metal-organic framework (MOF) as an adsorbent in waste water treatment, Postgraduate, B.KARAKAYA(Student), Continues

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

- I. **Synthesis, characterization, thermal, and antibacterial activity studies on MgO powders**  
DEMİRCİ S., Yildirim B., TÜNÇAY M. M. , KAYA N., GÜLLÜOĞLU A. N.  
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.99, no.3, pp.576-588, 2021 (Journal Indexed in SCI)
- II. **Effect of heating rate on structure, morphology and photocatalytic properties of TiO<sub>2</sub> particles: thermal kinetic and thermodynamic studies**  
Dikici T., Demirci S., Tünçay M. M. , Kıran Yıldırım B., Kaya N.  
JOURNAL OF SOL-GEL SCIENCE AND TECHNOLOGY, vol.97, no.3, pp.622-637, 2021 (Journal Indexed in SCI)
- III. **Ice recrystallization inhibition of commercial  $\kappa$ -,  $\iota$ -, and  $\lambda$ -carrageenans**  
Kıran Yıldırım B., Hale J., Wefers D., Gaukel V.  
Journal Of Food Engineering, vol.290, pp.1-7, 2021 (Journal Indexed in SCI)
- IV. **Application of response surface methodology for optimization of green bricks drying process**  
Kıran Yıldırım B., Mançuhan E., Sargut S.  
Journal Of The Indian Chemical Society, vol.97, pp.1-7, 2020 (Journal Indexed in SCI Expanded)
- V. **Thermodynamic Models and Central Composite Design for Calcium Sulphate Dihydrate Solubility**  
Kıran Yıldırım B., Gencaslan A., Sargut S.  
Chemical Engineering & Technology, vol.43, no.6, pp.1124-11136, 2020 (Journal Indexed in SCI Expanded)
- VI. **Multidimensional Population Balance Modeling for Pathological Calcium Pyrophosphate Dihydrate Crystals in the Presence of Amino Acids**  
Gencaslan A., Kıran Yıldırım B., Sargut S.  
Chemical Engineering & Technology, vol.43, no.6, pp.1124-1136, 2020 (Journal Indexed in SCI Expanded)
- VII. **Thermal Hysteresis and Bursting Rate in Sucrose Solutions with Antifreeze Proteins**  
Kıran Yıldırım B., Gaukel V.  
Chemical Engineering & Technology, vol.0, pp.1-18, 2020 (Journal Indexed in SCI)
- VIII. **Ice Crystal Growth in Sucrose Solutions Containing Kappa-and Iota-Carrageenans**  
Kıran Yildirim B., Gaukel V.  
Chemical Engineering & Technology, vol.43, no.6, pp.1040-1047, 2020 (Journal Indexed in SCI)

- IX. **Effect of the Amino Acids L-Methionine and D-Threonine on Calcium Lactate Pentahydrate Crystallization**  
Kiran-Yildirim B., Titiz-Sargut S., Sayan P.  
CHEMICAL ENGINEERING & TECHNOLOGY, vol.41, pp.1252-1258, 2018 (Journal Indexed in SCI)
- X. **Calcium Lactate Pentahydrate Crystallization in the Presence of Pentanoic Acid**  
Kiran-Yildirim B., Titiz-Sargut S., Sayan P.  
CHEMICAL ENGINEERING & TECHNOLOGY, vol.41, pp.1244-1251, 2018 (Journal Indexed in SCI)
- XI. **In-line determination of adsorbed fatty acids on magnesium silicate with conductivity measurement**  
Sargut S., Sayan P., Sađlam A., Kiran B.  
Fresenius Environmental Bulletin, vol.21, pp.3987-3997, 2012 (Journal Indexed in SCI Expanded)
- XII. **Physical and Adsorptive Characterization of Precipitated Magnesium Silicate from Rice Hull Ash Silica**  
Sayan P., Titiz-Sargut S., Ozgul-Yucel S., Kiran B.  
CHEMICAL ENGINEERING & TECHNOLOGY, vol.34, pp.1497-1506, 2011 (Journal Indexed in SCI)
- XIII. **Effect of ultrasonic irradiation on crystallization kinetics of potassium dihydrogen phosphate**  
Sayan P., Sargut S., Kiran B.  
ULTRASONICS SONOCHEMISTRY, vol.18, pp.795-800, 2011 (Journal Indexed in SCI)
- XIV. **Gypsum Crystallization in the Presence of Cr<sup>3+</sup> and Citric Acid**  
Sargut S., Sayan P., Kiran B.  
CHEMICAL ENGINEERING & TECHNOLOGY, vol.33, pp.804-811, 2010 (Journal Indexed in SCI)
- XV. **Effect of impurities on the microhardness of borax decahydrate**  
Sayan P., Sargut S., Kiran B.  
POWDER TECHNOLOGY, vol.197, pp.254-259, 2010 (Journal Indexed in SCI)
- XVI. **Influence of essential and non-essential amino acids on calcium oxalate crystallization**  
Sargut S., Sayan P., Kiran B.  
CRYSTAL RESEARCH AND TECHNOLOGY, vol.45, no.1, pp.31-38, 2010 (Journal Indexed in SCI)
- XVII. **Calcium oxalate crystallization in the presence of amino acids, proteins and carboxylic acids**  
Sayan P., Sargut S., Kiran B.  
CRYSTAL RESEARCH AND TECHNOLOGY, vol.44, pp.807-817, 2009 (Journal Indexed in SCI)

## Articles Published in Other Journals

- I. **Ultra Düşük Sıcaklıkta (-78 °C) Kaskad Sođutma Sisteminin Farklı Tasarım ve Operasyon Parametreleri İçin Teorik Analizi**  
KIRAN YILDIRIM B., YILMAZ D., MANÇUHAN E.  
Tesisat Mühendisliđi, 2021 (Other Refereed National Journals)
- II. **Mançuhan E., Mutlu T., Kiran Yıldırım B., Sargut S.**  
International journal of advances in engineering and pure sciences, vol.31, pp.66-74, 2019 (National Refreed University Journal)
- III. **Diamonyum Hidrojen Fosfatın Akışkan Yataklı Kristalizörde Büyüme ve Çözünme Hızına L-Prolin ve L-Asparajin Amino Asitlerinin Etkisinin İncelenmesi**  
GENÇASLAN A., KIRAN B., SARGUT S.  
International journal of advances in engineering and pure sciences (Online), 2019 (Other Refereed National Journals)
- IV. **Pentanoik ve Bütanoik Asit Varlığında Kalsiyum Laktat Sulu Çözeltilerinin Metastabil Bölge Genişliğinin Yeni Yaklaşımlarla İncelenmesi**  
KIRAN YILDIRIM B., GENÇASLAN A., SARGUT S.  
International journal of advances in engineering and pure sciences (Online), 2019 (Refereed Journals of Other Institutions)
- V. **Effect of Amino Acids on Magnesium Ammonium Phosphate Hexahydrate (Struvite) Crystallization**

Kiran B., Sayan P., Sargut S.

Iranian Journal of Chemical Engineering, vol.11, pp.3-18, 2014 (Refereed Journals of Other Institutions)

## Books & Book Chapters

### I. The Effect of Urine Proteins on Calcium Oxalate Crystallization

Kiran Yıldırım B., Sayan P., Sargut S.

LAP Lambert academic Publishing, New-York, 2010

## Refereed Congress / Symposium Publications in Proceedings

### I. Enhancing the Performance of Freezers with Phase Change Materials

KIRAN YILDIRIM B., Ünal S., Dursun Ö., Özcan S. S. , Gok S., MANÇUHAN E.

International Graduate Research Symposium - IGRS'22, Turkey, 01 June 2022

### II. Examination of Phosphorus (V) Oxochloride Solutions as Alternative Phase Change Materials in Cold Storage for Tropical Fruits

KIRAN YILDIRIM B., Ersoy A., Demir N., Igci S., Ozturk S. K. , SARGUT S., MANÇUHAN E.

International Graduate Research Symposium - IGRS'22, Turkey, 01 June 2022

### III. Study on Adsorption Performance of MIL-101(Cr) for Ibuprofen Uptake from Aqueous Media

Faisal M., Engel H. B. , Haciosmanoğlu G. G. , Şam S., Kiran Yıldırım B., Genç S., Can Z. S.

1 st International Conference on Advances in Engineering, Architecture, Science and Technology, Turkey, 15 - 17 December 2021

### IV. Synthesis and Characterization of Magnetic Metal Organic Framework (MOF) for Methyl Orange Removal from Aqueous Solutions

KARAKAYA B., KIRAN YILDIRIM B., CAN Z. S. , HACIOSMANOĞLU G. G. , ŞAM S., GENÇ S.

1 st International Conference on Advances in Engineering, Architecture, Science and Technology, Turkey, 15 - 17 December 2021

### V. Investigation of energy consumption in a PCM integrated cooling system for tropical fruits storage

KIRAN YILDIRIM B., MANÇUHAN E.

3rd International Eurasian Conference on Science, Engineering and Technology (EurasianSciEnTech 2021), Turkey, 15 - 17 December 2021

### VI. INVESTIGATION OF ENERGY CONSUMPTION FOR A PCM INTEGRATED LABORATORY SCALE COOLING SYSTEM: AN EXPERIMENTAL STUDY

Kiran Yıldırım B., Noya T., Mançuhan E., Sargut S.

Uluslararası Katılımlı 23. Isı Bilimi ve Tekniği Kongresi, Gaziantep, Turkey, 8 - 10 September 2021, pp.0-8

### VII. INFLUENCE OF PCM AMOUNTS IN A DISPLAY CABINET REFRIGERATED BY A TRANSCRITICAL CO<sub>2</sub> SYSTEM: AN EXPERIMENTAL INVESTIGATION

Yılmaz D., Kiran Yıldırım B., Yılmaz B., Sevindir M. K. , Mançuhan E.

Uluslararası Katılımlı 23. Isı Bilimi ve Tekniği Kongresi, Gaziantep, Turkey, 8 - 10 September 2021, pp.0-8

### VIII. Modifiye Sokslet Ekstraksiyon Yöntemi ile Zeytinyağı Koku Giderme Atığından Skualenin Geri Kazanımı

Koçak B., Kiran Yıldırım B., Sargut S., Tüter M.

14. Ulusal Kimya Mühendisliği Kongresi (UKMK2020), 10 - 12 June 2021

### IX. Laboratuvar Ölçekli Soğutma Sisteminde Faz Değiştiren Malzeme Miktarının Enerji Tüketimine Etkisi

Noya T., Kiran Yıldırım B., Mançuhan E., Sargut S.

14. Ulusal Kimya Mühendisliği Kongresi (UKMK2020), 10 - 12 June 2021

### X. Investigation of Calcium Pyrophosphate Dihydrate Crystallization Kinetics in the presence of Tartaric Acid

GENÇASLAN A., KIRAN B., SARGUT S.

International Eurasian Conference on BioTechnology and BioChemistry, 16 - 18 December 2020

- XI. **Effect of Citric Acid on the Crystallization Kinetics of Calcium Pyrophosphate Dihydrate**  
Kiran Yıldırım B., Gençaslan A., Sargut S.  
4th International Congress on Studies Academic Students, 19 - 20 December 2020
- XII. **Experimental and Theoretical Analysis of a Refrigeration System With Phase Change Material (PCM) Integrated**  
Noya T., KIRAN B., MANÇUHAN E., SARGUT S.  
6th International Conference on New Trends in Chemistry, 16 - 18 October 2020
- XIII. **Optimization of Drying Process for Green Bricks Using Response Surface Methodology**  
KIRAN B., MANÇUHAN E., SARGUT S.  
6th International Conference on New Trends in Chemistry, 16 - 18 October 2020
- XIV. **Ice Crystal Growth in Sucrose Solutions containing  $\kappa$ -Carrageenan**  
KIRAN B., GAUKEL V.  
BIWIC 2019: 26th International Workshop on Industrial Crystallization, 26 - 28 August 2019
- XV. **Ice Crystal Growth in Sucrose Solutions containing  $\kappa$ -Carrageenan**  
Kiran Yıldırım B., Gaukel V.  
26th International Workshop on Industrial Crystallization, Rayong, Thailand, 26 - 28 August 2019
- XVI. **Thermodynamic Models for Evaluation and Design Expert Assisted Mathematical Optimization of Calcium Sulphate Dihydrate Solubility**  
Kiran Yıldırım B., Gençaslan A., Sargut S.  
26th International Workshop on Industrial Crystallization, Rayong, Thailand, 26 - 28 August 2019
- XVII. **Two Dimensional Population Balance Modelling of Calcium Pyrophosphate Dihydrate Crystals in the Presence of Amino Acids**  
Gençaslan A., Kiran Yıldırım B., Sargut S.  
26th International Workshop on Industrial Crystallization, Rayong, Thailand, 26 - 28 August 2019
- XVIII. **Nucleation Kinetics of Sodium Perborate in the Presence of Excess of Various Reactants**  
Kiran Yıldırım B., Gençaslan A., Sargut S., Yüksel G. Y.  
26th International Workshop on Industrial Crystallization, Rayong, Thailand, 26 - 28 August 2019
- XIX. **Crystallization of Calcium Sulphate Dihydrate in the Presence of Lactic Acid**  
Gençaslan A., Kiran Yıldırım B., Sargut S.  
26th International Workshop on Industrial Crystallization, Rayong, Thailand, 26 - 28 August 2019
- XX. Mançuhan E., Mutlu T., Kiran Yıldırım B., Sargut S.  
30. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kkct), 5 - 08 November 2018, pp.170-171
- XXI. Kiran Yıldırım B., Kiran Yıldırım B., Sargut S.  
30. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kkct), 5 - 08 November 2018, pp.69
- XXII. Kiran Yıldırım B., Gençaslan A., Sargut S.  
30. Ulusal Kimya Kongresi, Gazimagusa, Cyprus (Kkct), 5 - 08 November 2018, pp.67
- XXIII. **Influence of Agglomeration and Brekage of Alanine and Asparagine on Calcium Pyrophosphate Dihydrate Crystallization**  
Gençaslan A., Kiran Yıldırım B., Sargut S.  
Sixth European Conference on Crystal Growth , Varna, Bulgaria, 16 - 20 September 2018, pp.2
- XXIV. **Metastable Zone Width of Sodium Perborat in the Presence of Anionic Polyelectrolytes**  
Kiran Yıldırım B., Gençaslan A., Sargut S., Yüksel G. Y. , Bulutçu N.  
Sixth European Conference on Crystal Growth , Varna, Bulgaria, 16 - 20 September 2018, pp.2
- XXV. **The Growth and Dissolution of Sodium Perborate Tetrahydrate in the Presence of Silica in a Fluidized Bed Crystallizer**  
Gençaslan A., Kiran Yıldırım B., Orhan D., Sargut S.  
Sixth European Conference on Crystal Growth , Varna, Bulgaria, 16 - 20 September 2018, pp.13
- XXVI. **Calcium Lactate Pentahydrate Crystallization in the Presence of Pentanoic Acid**  
Kiran Yıldırım B., Sargut S., Sayan P.  
24th International Workshop on Industrial Crystallization, Dortmund, Germany, 29 - 31 August 2017, pp.148-153

- XXVII. **Effect of L-Methionine and D-Threonine Amino Acids on Crystallization of Calcium Lactate Pentahydrate**  
Kiran Yıldırım B., Sargut S., Sayan P.  
24th International Workshop on Industrial Crystallization, Dortmund, Germany, 29 - 31 August 2017, pp.142-147
- XXVIII. Kiran Yıldırım B., Sargut S., Sayan P.  
XII. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 - 26 August 2016
- XXIX. Kiran Yıldırım B., Sargut S., Sayan P.  
XII. Ulusal Kimya Mühendisliği Kongresi, İzmir, Turkey, 23 - 26 August 2016
- XXX. Kiran Yıldırım B., Sayan P., Sargut S.  
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014, pp.606-607
- XXXI. **Kalsiyum Laktatın Metastabil Bölge Genişliği Üzerine Yağ Asitleri Etkisinin İncelenmesi**  
Kiran Yıldırım B., Sargut S., Sayan P.  
11. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 2 - 05 September 2014, pp.618-619
- XXXII. Kiran Yıldırım B., Özkan M., Aykul H., Sargut S.  
2. Ulusal Kimya Mühendisliği Öğrenci Kongresi, Ankara, Turkey, 4 - 06 May 2013, pp.85-87
- XXXIII. Kiran Yıldırım B., Işık T., Korkut A. S.  
2. Ulusal Kimya Mühendisliği Öğrenci Kongresi, Ankara, Turkey, 4 - 06 May 2013, pp.75-77
- XXXIV. **Effect of Amino Acids on Magnesium Ammonium Phosphate Hexahydrate (Struvite) Crystallization**  
Sayan P., Sargut S., Kiran B.  
18th International Workshop on Industrial Crystallization, Rotterdam, Netherlands, 7 - 09 September 2011, pp.182-187
- XXXV. **Reactive Crystallization of Gypsum in the Presence of Polyelectrolytes**  
Sayan P., Sargut S., Kiran B.  
18th International Workshop on Industrial Crystallization, Rotterdam, Netherlands, 7 - 09 September 2011, pp.164-169
- XXXVI. **Physical and Chemical Characterization of precipitated Magnesium Silicate from Rice Hull ash Silica**  
Sayan P., Sargut S., Yücel S., Kiran B.  
17th International Workshop on Industrial Crystallization, Halle, Germany, 8 - 10 September 2010, pp.295-299
- XXXVII. **Jipsin çeşitli yüzey aktif maddeler varlığında filtrasyon karakteristiğinin incelenmesi**  
Kiran Yıldırım B., Sargut S., Sayan P.  
IX. Ulusal Kimya Mühendisliği Kongresi, Ankara, Turkey, 22 - 25 June 2010, pp.527-528
- XXXVIII. **Gypsum Crystallization in the Presence of Cr(III) and Citric Acid**  
Sargut S., Sayan P., Kiran B.  
16th International Workshop on Industrial Crystallization, Lappeenranta, Finland, 9 - 11 September 2009, pp.287-293
- XXXIX. **Effect of Ultrasound on the Crystallization of Potassium Dihydrogen Phosphate**  
Sayan P., Sargut S., Kiran B.  
16th International Workshop on Industrial Crystallization, Lappeenranta, Finland, 9 - 11 September 2009, pp.264-271
- XL. **Solubility and Phase Stability of the Needle-Like Lysozyme Chloride Crystals**  
Aldabaibeh N., Kiran B., Jones M. J., Myerson A. S., Ulrich J.  
17th International Symposium on Industrial Crystallization, Maastricht, Netherlands, 14 - 17 September 2008, pp.1959-1968
- XLI. Kiran B., Sargut S., Sayan P., Tunçberk S.  
VIII. Ulusal Kimya Mühendisliği Kongresi, Malatya, Turkey, 26 - 28 August 2008, pp.403-404
- XLII. Kiran B., Sayan P., Sargut S., Akpınar Z.  
VIII. Ulusal Kimya Mühendisliği Kongresi, Malatya, Turkey, 26 - 29 August 2008, pp.491-492
- XLIII. **Bor Tuzlarının Kristal Sertliklerine Safsızlıkların Etkisi**  
Kiran B., Sayan P.  
VII. Ulusal Kimya Mühendisliği Kongresi, Eskişehir, Turkey, 5 - 08 September 2006, pp.1-6

## Supported Projects

Kıran Yıldırım B., Project Supported by Higher Education Institutions, 2019 - 2020

Gaukel V., Karbstein H., TUBITAK Project, Investigation of Crystallization and Recrystallization of Ice Crystals in the Presence of Kappa ( $\kappa$ ) Carrageenan and Antifreeze Glycoprotein, 2019 - 2019

Kıran Yıldırım B., Project Supported by Higher Education Institutions, Anyonik Polielektrotlar Varlığında Sodyum Perboratın Metastabil Bölge Genişliği, 2018 - 2019

Kıran Yıldırım B., Project Supported by Higher Education Institutions, 2017 - 2018

Sayan P., Sargut S., Kıran Yıldırım B., Project Supported by Higher Education Institutions, 2011 - 2014

Özveri R. G., Aris M., Kıran Yıldırım B., Kıran B., Sargut S., TUBITAK Project, 2012 - 2013

Mançuhan E., Sayan P., Sargut S., Alpman E., Kıran B., Project Supported by Higher Education Institutions, Yaş Tuğla Kurutma Proseslerinde Optimum Koşulların Modellenmesi, 2010 - 2013

Sayan P., Sargut S., Yücel S., Kıran B., Project Supported by Higher Education Institutions, Tahıl İşleme Atıklarından Magnezyum Silikat Üretimi Ve Filtre Yapımında Değerlendirilmesi, 2010 - 2012

Sayan P., Sargut S., Kıran B., Project Supported by Higher Education Institutions, Kalsiyum Oksalat Kristalizasyonuna Üriner Proteinlerin Etkisinin İncelenmesi, 2008 - 2009

## Activities in Scientific Journals

International journal of advances in engineering and pure sciences (Online), Assistant Editor, 2021 - Continues

## Scientific Refereeing

INTERNATIONAL JOURNAL OF THERMODYNAMICS, National Scientific Refreed Journal, December 2021

Konya Mühendislik Bilimleri Dergisi, Other Journals, December 2021

INTERNATIONAL JOURNAL OF THERMODYNAMICS, National Scientific Refreed Journal, October 2021

23. Isı Bilimi ve Tekniği Kongresi (ULIBTK 2021), Conference Paper (Full Text), July 2021

23. Isı Bilimi ve Tekniği Kongresi (ULIBTK 2021), Conference Paper (Full Text), July 2021

Chemical Engineering Communications, Journal Indexed in SCI-E, February 2021

CHEMICAL ENGINEERING COMMUNICATIONS, SCI Journal, April 2020

## Tasks In Event Organizations

Kıran B., 2. Ulusal Kimya Mühendisliği Öğrenci Kongresi , Scientific Congress, Ankara, Turkey, Mayıs 2013

## Mobility Activity

Post Doc, Post Doc, Karlsruhe Institute of Technology (KIT), Germany, 2018 - 2019

Erasmus Programme, Student Mobility, Martin-Luther-Universitaet Halle-Wittenberg, Germany, 2007 - 2008

## Edit Congress and Symposium Activities

4th International Congress on Students Academic Students, Attendee, İstanbul, Turkey, 2020

6th International Conference on New Trends in Chemistry, Attendee, İstanbul, Turkey, 2020

BIWIC 2019: 26th International Workshop on Industrial Crystallization, Attendee, Rayong, Thailand, 2019

30. Ulusal Kimya Kongresi, Attendee, Gazimagusa, Cyprus (Kktc), 2018

Sixth European Conference on Crystal Growth (ECCG6), Attendee, Varna, Bulgaria, 2018

24th International Workshop on Industrial Crystallization-BIWIC 2017, Attendee, Dortmund, Germany, 2017  
Attendee, İzmir, Turkey, 2016  
11. Ulusal Kimya Mühendisliği Kongresi, Attendee, Eskişehir, Turkey, 2014  
2. Ulusal Kimya Mühendisliği Öğrenci Kongresi , Attendee, Ankara, Turkey, 2013  
18th International Workshop on Industrial Crystallization-BIWIC 2011, Attendee, Rotterdam, Netherlands, 2011  
17th International Workshop on Industrial Crystallization-BIWIC 2010, Attendee, Halle, Germany, 2010  
IX. Ulusal Kimya Mühendisliği Kongresi, Attendee, Ankara, Turkey, 2010  
16th International Workshop on Industrial Crystallization , Attendee, Lappeenranta, Finland, 2009  
VIII. Ulusal Kimya Mühendisliği Kongresi, Attendee, Malatya, Turkey, 2008  
VII. Ulusal Kimya Mühendisliği Kongresi, Attendee, Eskişehir, Turkey, 2006

## Citations

Total Citations (WOS):74

h-index (WOS):5

## Scholarships

2224-A Yurt Dışı Bilimsel Etkinliklere Katılma Desteği Programı, TUBITAK, 2020 - 2020

2219-International Postdoctoral Research Scholarship Programme, TUBITAK, 2019 - 2019

Research Stays for University Academics and Scientists, Other International Organizations, 2018 - 2019

University, 2007 - 2008

## Awards

Kıran B., Bölüm İkinciliği Plaketi, Marmara Üniversitesi Kimya Mühendisliği Bölümü, July 2006

Kıran B., Üstün Başarı Plaketi ve Sertifikası, Kimya Mühendisleri Odası İstanbul Şubesi, July 2006