

## Res. Asst. PhD SÜHEYLÄ PINAR KODAL

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### Education Information

Doctorate, Hacettepe Üniversitesi, Mühendislik Fak, Kimya Mühendisliği, Turkey 2010 - 2016

Postgraduate, Hacettepe Üniversitesi, Fen Bilimleri Enstitüsü, Kimya Mühendisliği, Turkey 2007 - 2010

Undergraduate, Hacettepe Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, Turkey 2002 - 2007

### Foreign Languages

English, B2 Upper Intermediate

### Dissertations

Doctorate, atık portakal kabuklarından gıda katkı maddesi üretimi, Hacettepe Üniversitesi, Kimya Mühendisliği, Proses Ve Reaktör Tasarımı, 2016

Postgraduate, Değişik biyosorbentlerle tekli ve ikili yüzey aktif madde ve boyarmadde biyosorpsiyonunun incelenmesi ve yüzey aktif maddenin boyarmadde biyosorpsiyonu üzerine etkilerinin araştırılması, Hacettepe Üniversitesi, Kimya Müh., Kimya Müh., 2010

### Research Areas

Chemical Engineering and Technology, Biotechnology, Biotechnological Processes and Fermentation Technology, Life Sciences, Biotechnology, Microbial Biotechnology, Natural Sciences, Engineering and Technology

### Academic Titles / Tasks

Research Assistant PhD, Hacettepe Üniversitesi, Mühendislik Fakültesi, Kimya Mühendisliği, 2008 - Continues

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

- I. **A Novel Approach to Synthesize TiO<sub>2</sub> Nanoparticles: Biosynthesis by Using Streptomyces sp. HC1**  
Ağçeli G., Hammachi H., KODAL S. P. , CİHANGİR N., AKSU Z.  
Journal of Inorganic and Organometallic Polymers and Materials, 2020 (Journal Indexed in SCI)
- II. **Cationic surfactant-modified biosorption of anionic dyes by dried Rhizopus arrhizus**  
Kodal S. P. , AKSU Z.

## Refereed Congress / Symposium Publications in Proceedings

- I. **Green Synthesis Zirconia ( ZrO<sub>2</sub>) Nanoparticles Using Opuntia Ficus indica.**  
KOŞARSOY AĞÇELİ G., HAMMAMCHİ H., KODAL S. P. , CİHANGİR N.  
14th Nanoscience and Nanotechnology Conference, İzmir, Turkey, 22 - 25 September 2018
- II. **Antibacterial and Antibiofilm Activity of Extracellular Synthesized Zirconia Nps From Bacteria.**  
KOŞARSOY AĞÇELİ G., HAMMAMCHİ H., KODAL S. P. , CİHANGİR N.  
13 th Nanoscience and Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017
- III. **Biological Production of TiO<sub>2</sub>, BIO-NPS by Soil Isolated Bacteria.**  
HAMMAMCHİ H., KOŞARSOY AĞÇELİ G., KODAL S. P. , CİHANGİR N.  
13 th Nanoscience and Nanotechnology Conference, Antalya, Turkey, 22 - 25 October 2017
- IV. **Phenolic Pigment Extraction from Orange Peels: Kinetic Modelling**  
KODAL S. P. , AKSU Z.  
15th International Conference on Environmental Science And Technology, 31 August - 02 September 2017
- V. **Optimization of Carotene Pigment Production by Soxhlet Extraction from Waste Orange Peels**  
KODAL S. P. , AKSU Z.  
15th International Conference on Environmental Science And Technology, 31 August - 02 September 2017
- VI. **Biosynthesis of Zirconia Nanoparticles by Microorganisms**  
KODAL S. P. , HAMMAMCHİ H., KOŞARSOY AĞÇELİ G., CİHANGİR N., AKSU Z.  
FEMS 7th Congress of European Microbiologists, Valencia, Spain, 9 - 13 July 2017
- VII. **Determination of Nanoparticle by Extracellular Synthesis of TiO<sub>2</sub> Bio-NPS from Microorganisms and its Biological Activity.**  
KODAL S. P. , KOŞARSOY AĞÇELİ G., HAMMAMCHİ H., AKSU Z., CİHANGİR N.  
FEMS 7th Congress of European Microbiologists, Valencia, Spain, 9 - 13 July 2017
- VIII. **Determination of nanoparticle by extracellular synthesis of TiO<sub>2</sub> Bio-NPS from Microorganisms and Its Biological Activity**  
KODAL S. P. , KOŞARSOY AĞÇELİ G., HAMMAMCHİ H., CİHANGİR N., AKSU Z.  
7th Congress of European Microbiologists FEMS 2017, 9 - 13 July 2017
- IX. **Determination of Nanoparticle by Extracellular Synthesis of TiO<sub>2</sub>-NPS from Microorganisms and Its Biological Activity**  
KODAL S. P. , KOŞARSOY AĞÇELİ G., HAMMAMCHİ H., CİHANGİR N., AKSU Z.  
7th Congress on European Microbiologists, 9 - 13 July 2017
- X. **Biosynthesis of Zirconia Nanoparticles by Microorganisms**  
KODAL S. P. , HAMMAMCHİ H., KOŞARSOY AĞÇELİ G., CİHANGİR N., AKSU Z.  
7th Congress of European Microbiologists FEMS 2017, 9 - 13 July 2017

## Supported Projects

KOŞARSOY AĞÇELİ G., KODAL S. P. , Hammamchi H., Project Supported by Higher Education Institutions, Kuantum Noktalarının (Quantum Dots) Mikrobiyal Olarak Sentezlenmesi, Karakterizasyonu ve Biyoyumluluklarının İn-vitro Çalışmalarla Belirlenmesi, 2018 - 2020

KODAL S. P. , Hammamchi H., CİHANGİR N., KOŞARSOY AĞÇELİ G., Project Supported by Higher Education Institutions, Mikrobiyal Yolla Elde Edilen Biyopolimerik Hidrojel Yapılı Taşıyıcı Sistem Geliştirilmesi, Karakterizasyonu ve in-vivo ve in-vitro Çalışmalarının İncelenmesi, 2018 - 2020

KODAL S. P. , Project Supported by Higher Education Institutions, Phenolic Pigment Extraction from Orange Peels Kinetic Modelling Atık Portakal Kabuklarından Fenolik Pigment Ekstraksiyonu Kinetik Modelleme, 2017 - 2017

KODAL S. P. , AKSU Z., CİHANGİR N., KOŞARSOY AĞÇELİ G., HAMMAMCHİ H., Project Supported by Higher Education

Institutions, BİYOLOJİK YOLLARLA SENTEZLENEN NANOPARTİKÜLLERİN BİYOAKTİVİTELERİNİN BELİRLENMESİ, 2016 - 2017

KODAL S. P. , AKSU Z., Project Supported by Higher Education Institutions, R glutinisten Mikrobiyal Yolla Karoten Üretiminde Atık Portakal Kabuklarının Besin Ortamı Olarak Kullanılabilirliğinin Araştırılması, 2016 - 2016

## **Edit Congress and Symposium Activities**

NANOTR, Attendee, Antalya, Turkey, 2017

CEST, Attendee, Ródos, Greece, 2017

FEMS, Attendee, Madrid, Spain, 2017

## **Citations**

Total Citations (WOS):7

h-index (WOS):1