

## Res. Asst. Yahya BAŞ

### Personal Information

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### International Researcher IDs

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Publons / Web Of Science ResearcherID: JDQ-7858-2023

Yoksis Researcher ID: 374936

### Biography

1996 yılında İstanbul Fatih'te dünyaya geldi. Baba tarafından aslen Ordu Perşembe, anne tarafından aslen Rize Güneysu'ludur. İlköğrenimini Beşiktaş Şair Nedim İlköğretim Okulu (şimdiki Şair Nedim Ortaokulu), lise eğitimini Nişantaşı Nuri Akın Anadolu Lisesi'nde görmüştür. 2019 yılında İstanbul Üniversitesi Mühendislik Fakültesi Kimya Mühendisliği bölümünden mezun olmuştur ve yüksek lisans derecesini İstanbul Teknik Üniversitesi Polimer Bilim ve Teknolojisi programından almıştır.

Born in 1996 in İstanbul, Fatih. His father's family originates from Ordu Perşembe and his mother's family is from Rize Güneysu. Got his primary education in Beşiktaş Şair Nedim Primary School, and his high school education from Nişantaşı Nuri Akın Anatolian High School. Recieved his B.Sc. degree in 2019 from İstanbul University, Faculty of Engineering, Chemical Engineering Department and his M.Sc. degree in 2022 from İstanbul Technical University, Department of Polymer Science and Technology.

### Education Information

Doctorate, İstanbul University, Faculty Of Science, Department of Chemistry, Turkey 2022 - Continues

Postgraduate, İstanbul Technical University, Lisansüstü Eğitim Enstitüsü, Polymer Science and Technology, Turkey 2020 - 2022

Undergraduate, İstanbul University-Cerrahpaşa, Faculty Of Engineering, Department Of Chemical Engineering, Turkey 2014 - 2019

### Foreign Languages

English, C1 Advanced

### Dissertations

Postgraduate, SILK FIBROIN CRYOGEL-BASED SHAPE MEMORY ORGANOHYDROGELS, İstanbul Technical University, Lisansüstü Eğitim Enstitüsü, Polymer Science and Technology, 2022

## Research Areas

Chemical Engineering and Technology, Biotechnology, Chemical Technologies, Basic Operations and Thermodynamics, Thermodynamics, Fluid Mechanics, Separation Operations, Mass Transfer, Transport Events, Chemistry, Physical Chemistry, Polymers and Their Applications, Solution Properties, Polymeric Solutions, Functional Polymers, Conductive Polymers, Chemical Kinetics, Chemical and Physical Balance, Composites, Fiber Technology, nanocomposites, Characterization of Polymers, New Technologies in Polymer Chemistry, Polymeric Adsorbents, Polymeric Materials, Medical Applications of Polymers, Recycling of Polymers, Liquid Crystals and LCP, Spectroscopy, Thermodynamics, Natural Sciences, Engineering and Technology

## Academic Titles / Tasks

Research Assistant, Istanbul University, Faculty of Science, Department of Chemistry, 2022 - Continues

## Academic and Administrative Experience

other, Istanbul University, Faculty Of Science, Department of Chemistry, 2022 - Continues

## Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Realization for rapid extraction of citric acid from aqueous solutions using deep eutectic solvents**  
Baş Y., Uthan A., Kordon E., Anur A., Aşçı Y. S., Lalikoğlu M.  
JOURNAL OF MOLECULAR LIQUIDS, pp.1-22, 2024 (SCI-Expanded)
- II. **Mechanically Robust Shape-Memory Organohydrogels Based on Silk Fibroin with Organogel Microinclusions of Various Sizes**  
Baş Y., Okay O.  
MACROMOLECULAR MATERIALS AND ENGINEERING, pp.1-9, 2023 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Tekstil Sektöründe Su Tüketimi ve Geliştirilen Susuz Boyama Yöntemleri**  
Baş Y., Aşçı Y. S.  
Multidisipliner Akademik Yaklaşım Araştırmaları, vol.3, no.1, pp.51-63, 2023 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **DERİN ÖTEKTİK ÇÖZÜCÜLERİN KARBOKSİLLİ ASİTLERİN EKSTRAKSİYONUNDA ÇÖZÜCÜ OLARAK KULLANILMASININ İNCELENMESİ**  
Baş Y., Aşçı Y. S., Lalikoğlu M.  
15. Ulusal Kimya Mühendisliği Kongresi, Çanakkale, Turkey, 4 - 07 September 2023, pp.1215-1218
- II. **YÜKSEK BASINÇLI HOMOJENİZATÖRÜN EKSTRAKSİYON PROSESLERİNDE KULLANIMININ İNCELENMESİ**  
Baş Y., Aşçı Y. S., Lalikoğlu M.  
15. Ulusal Kimya Mühendisliği Kongresi, Çanakkale, Turkey, 4 - 07 September 2023, pp.1212-1214
- III. **Gözenekleri Mikro-Organojel Yüklü Ve Mekanik Özellikleri Sıcaklık İle Değişebilen Akıllı Fibroin Kriyojelleri**  
Baş Y., Okay O.  
33. Ulusal Kimya Kongresi, Tekirdağ, Turkey, 7 - 09 October 2021, pp.93

## Scholarships

2211-A Genel Yurt İi Doktora Burs Programı, TUBITAK, 2024 - Continues