## Res. Asst. OSMAN ŞİMŞEK

#### **Personal Information**

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#### **Education Information**

Postgraduate, Bursa Uludağ University, Fen-Edebiyat Fakültesi, Kimya, Turkey 2024 - Continues Postgraduate, Ege University, Fen Fakültesi, Kimya, Turkey 2023 - 2024 Undergraduate, Ege University, Fen Fakültesi, Kimya, Turkey 2018 - 2023

#### Research Areas

Chemistry, Organic Chemistry

### **Academic Titles / Tasks**

Research Assistant, Bursa Uludağ University, FEN-EDEBİYAT FAKÜLTESİ, KİMYA, 2024 - Continues

# Papers Published in Refereed Scientific Meetings

I. Synthesis of Imidazole Based Ionic Liquids Functionalized with Acetic Acid and Determination of Their Catalytic Activities in the Biginelli Reaction

Arıkan Ölmez N., Şimşek O.

35. Ulusal Kimya Kongresi, Diyarbakır, Turkey, 9 - 12 September 2024, pp.496

II. Hydrogen Rich Gases from Olive Tree Pruning by Two-Step Gasification

Çay H., Akbaş N. M., DUMAN TAÇ G., YANIK J., ŞİMŞEK O.

5.Bionergy Studies Symposium, Antalya, Turkey, 17 - 19 January 2024, pp.1-2

III. Steam Gasification of Biochars derived from Saw Dust and Poultry Manure with Lignite for H2
Production

Şimşek O., Yanık J., Duman Taç G.

RETASTE: RETHINK FOOD RESOURCES, LOSSES, AND WASTE 2023, Athens, Greece, 27 - 29 September 2023, pp.233-234

IV. Biochar Potential in Industrial Application

ŞİMŞEK O., DUMAN TAÇ G.

International Izmir Democracy University Engineering Symposium - IES'22, İzmir, Turkey, 28 October 2022, pp.67

### **Student Project**

R & D Project, Biyokömürlerin Linyit ile Birlikte Gazlaştırılmasıyla Hidrojen Gazı Eldesi, Ege University, Fen Fakültesi, Kimya Bölümü, Turkey, 2022 - 2024

# Metrics

Publication: 4