

**ISSN : 1305-7820**  
**E-ISSN: 2587-165X**



**İSTANBUL TİCARET**  
**ÜNİVERSİTESİ**

# **FEN BİLİMLERİ**

## **DERGİSİ**

**Yıl: 20**

**Sayı: 39**

**Bahar 2021**

Year: 20

Volume: 39

Spring 2021

Istanbul Commerce University  
Journal of Science