

Üniversitemiz Çorlu Mühendislik Fakültesi Çevre Mühendisliği Bölümümüz öğretim üyesi **Doç.Dr. Deniz İzlen ÇİFÇİ** tarafından 2023 yılında;

- 10 adet SCI-Expanded makale

- 6 adet Uluslararası bilimsel toplantılarda sunulan sözlü bildiri

- 1 adet Uluslararası kitaplarda bölüm yazarlığı

çalışmaları gerçekleştirilmiştir.

### SCI-Expanded Makaleleri

1. Yazıcı Guvenç S., Can-Güven E., **Çifçi D.İ.**, Varank G. "Biodegradability enhancement and sequential treatment of real chemical industry wastewater by chemical coagulation and Electro-Fenton processes", *Chemical Engineering and Processing – Process Intensification*, **194**, 109598 (2023).
2. Aydın N., **Çifçi D.İ.**, Güneş E., Güneş Y., Atav R., "Decolorization potential of reactive dyes by using galvanising industry's waste (aluminum hydroxide sludge) depending on dye chromophore", *The Journal of the Textile Institute*, **114(9)**, 1301-1310 (2023).
3. **Çifçi D.İ.**, Aydın N., "Comparison of H3PO4 and ZnCl2 activated filtered coffee waste carbon based adsorbents in Methylene Blue removal by using ultrasonic-assisted adsorption", *Arabian Journal for Science and Engineering*, **48**, 8641-8653 (2023).
4. **Cifci D.İ.**, "Fe-Mn-textile waste synthesis for COD and color removal from textile wastewater by UV/S2O82- oxidation", *International Journal of Environmental Science and Technology*, **20**, 7313-7324 (2023).
5. Güneş E., **Cifci D.İ.**, Çelik S.Ö., "Process characterization and pretreatment of container and drum cleaning industry wastewater using a heat-activated persulfate oxidation process", *Clean-Soil,Air,Water*, **51**, 2200365 (2023).
6. Metin S., **Çifçi D.İ.**, "Chemical industry wastewater treatment by Coagulation combined with Fenton and photo-Fenton processes", *Journal of Chemical Technology & Biotechnology*, **98(5)**, 1158-1165 (2023).
7. **Çifçi D.İ.**, Güneş E., Güneş Y., "Comparison of treatment of textile wastewater with adsorption process, sulfate and hydroxyl radical-based oxidation processes", *Environmental Engineering and Management Journal*, **22(2)**, 199-208 (2023).
8. **Çifçi D.İ.**, Şensoy Ö., Güneş E., Güneş Y., "Treatment of a textile wastewater using sulfate and hydroxyl radicals based oxidation under the UV light: A comparison between UV/H2O2, UV/PS and UV/PMS", *Environmental Engineering and Management Journal*, **22(1)**, 17-26 (2023).
9. **Çifçi D.İ.**, "Co-Fe co-doped activated carbon from waste cigarette filters for color and COD removal from textile wastewater", *Journal of Water Chemistry and Technology*, **45(2)**, 120-127 (2023).
10. **Çifçi D.İ.**, "Green synthesis of magnetic iron-coated mint leaves based carbon adsorbent for acid and basic dye adsorption", *Fullerenes, Nanotubes and Carbon Nanostructures*, **31(1)**, 18-25 (2023).

### Uluslararası Bilimsel Toplantılarda Sunulan Sözlü Bildirileri

1. **Çifçi D.İ.**, “Atık piriñ sapları kullanılarak metilen mavisi adsorpsiyonunun US ve UV destekli adsorpsiyon prosesleri ile karşılaştırılması”, 4th International Black Sea Modern Scientific Research Congress, Rize, 6-8 Haziran 2023.
2. **Çifçi D.İ.**, “Zn ve Fe atık piriñ sapları ile Fenton-benzeri oksidasyon prosesiyle tekstil atıksuyundan renk ve KOİ giderimi”, 4th International Black Sea Modern Scientific Research Congress, Rize, 6-8 Haziran 2023.
3. **Çifçi D.İ.**, “Ön arıtılmış kimya endüstrisi atıksuyunun adsorpsiyon ve fotokataliz prosesleri ile arıtımı”, 5. International Göbeklitepe Scientific Studies Congress, Şanlıurfa, 6-7 Mayıs 2023.
4. **Çifçi D.İ.**, “Aktif karbon/aljinat boncukları ile metilen mavisi giderimi”, 5. International Göbeklitepe Scientific Studies Congress, Şanlıurfa, 6-7 Mayıs 2023.
5. Aydın N., Bacak E., Güneş E., **Çifçi D.İ.**, “Reusing of wood bottom ash released from the furniture industry for reactive dye removal”, 3rd International Black Sea Modern Scientific Research Congress, Samsun, 23-24 Mart 2023.
6. Aydın N., **Çifçi D.İ.**, “Removal of azo dyes by bottom ashes from the use of coal and wood pellets as fuel for sustainable waste management”, 3rd International Black Sea Modern Scientific Research Congress, Samsun, 23-24 Mart 2023.

#### **Uluslararası Kitaplarda Bölüm Yazarlığı**

1. Şafak Ş., **Çifçi D.İ.**, “Chapter 11: Treatment of industrial wastewater in the adsorption process by natural fibers”, *Development in Wastewater Treatment Research and Processes, Advances in Industrial Wastewater Treatment Technologies: Removal of Contaminants and Recovery of Resources*, ed. M.P. Shah, Vol. 1, 225-242, Elsevier, 2023.