

## Assoc. Prof. ERDAL KUŞVURAN

### Personal Information

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### Education Information

Doctorate, Cukurova University, Fen Bilimleri Enstitüsü, Turkey 2001 - 2003

Postgraduate, Cukurova University, Fen Bilimleri Enstitüsü, Turkey 1994 - 1997

Undergraduate, Cukurova University, Fen-Edebiyat Fakültesi, Turkey 1989 - 1993

### Research Areas

Health Sciences, Pharmacology and Therapeutics, Basic Pharmaceutics Sciences, Analytical Chemistry, Environmental Engineering, Environmental Sciences, Environmental Chemistry, Environmental Technology, Waste Water Collection and Treatment, Environmental Risk Assessment, Water Pollution and Control, Chemical Engineering and Technology, Chemical Technologies, Polymer Technology, Environmental Chemistry and Technology, Inorganic Technologies, Quality Control and Management, Membrane Technology, Organic Technologies, Petrochemical Technologies, Defense Technology, Fuels and Combustion Technology, Basic Operations and Thermodynamics, Separation Operations, Food Engineering, Food Science, Food Chemistry, Food Toxicology, Food Additives, Food Technology, Fats Technology, Alcoholic Beverages Technology, Sugars, Syrups, Starches and Candy, Cocoa and Chocolate Products, Chemistry, Analytical Chemistry, Organic Chemistry, Natural Sciences, Engineering and Technology

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

- I. **Degradation of bisphenol A by ozonation and determination of degradation intermediates by gas chromatography-mass spectrometry and liquid chromatography-mass spectrometry**  
KUŞVURAN E., YILDIRIM D.  
CHEMICAL ENGINEERING JOURNAL, vol.220, pp.6-14, 2013 (SCI-Expanded)
- II. **Removal of chloropyrifos ethyl, tetradifon and chlorothalonil pesticide residues from citrus by using ozone**  
KUŞVURAN E., YILDIRIM D., Mavruk F., Ceyhan M.  
JOURNAL OF HAZARDOUS MATERIALS, vol.241, pp.287-300, 2012 (SCI-Expanded)
- III. **A Study: Removal of Cu(II), Cd(II), and Pb(II) Ions from Real Industrial Water and Contaminated Water Using Activated Sludge Biomass**  
KUŞVURAN E., YILDIRIM D., Samil A., GÜLNAZ O.  
CLEAN-SOIL AIR WATER, vol.40, no.11, pp.1273-1283, 2012 (SCI-Expanded)
- IV. **DECOLORIZATION OF THE TEXTILE DYES REACTIVE BLUE 220, ACID RED 414 AND BASIC YELLOW 28 BY OZONE AND BIODEGRADATION OF OXIDATION PRODUCTS**  
GÜLNAZ O., KUŞVURAN E., MATYAR F., ÇAKICI H.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.21, no.4, pp.808-813, 2012 (SCI-Expanded)

- V. **A Comparative Study of Ozonation, Homogeneous Catalytic Ozonation, and Photocatalytic Ozonation for CI Reactive Red 194 Azo Dye Degradation**  
Yildirim A. O., Gul S., Eren O., KUŞVURAN E.  
CLEAN-SOIL AIR WATER, vol.39, no.8, pp.795-805, 2011 (SCI-Expanded)
- VI. **Decolorization of malachite green, decolorization kinetics and stoichiometry of ozone-malachite green and removal of antibacterial activity with ozonation processes**  
KUŞVURAN E., GÜLNAZ O., Samil A., Yildirim O.  
JOURNAL OF HAZARDOUS MATERIALS, vol.186, no.1, pp.133-143, 2011 (SCI-Expanded)
- VII. **Detection of double bond-ozone stoichiometry by an iodimetric method during ozonation processes**  
KUŞVURAN E., GÜLNAZ O., Samil A., ERBİL M.  
JOURNAL OF HAZARDOUS MATERIALS, vol.175, pp.410-416, 2010 (SCI-Expanded)
- VIII. **Preparation of ceramic pigments by sol-gel and combustion methods**  
Halefoğlu Y. Z., Kuşvuran E.  
JOURNAL OF CERAMIC PROCESSING RESEARCH, vol.11, pp.92-95, 2010 (SCI-Expanded)
- IX. **Porous dye affinity beads for nickel adsorption from aqueous solutions: A kinetic study**  
Akgol S., Kusvuran E., Kara A., Senel S., Denizli A.  
JOURNAL OF APPLIED POLYMER SCIENCE, vol.100, no.6, pp.5056-5065, 2006 (SCI-Expanded)
- X. **Degradation of alkylphenolic compounds in aqueous media by Fenton and ultraviolet induced fenton reaction**  
Irmak S., Erbatur O., Kusvuran E.  
FRESENIUS ENVIRONMENTAL BULLETIN, vol.15, pp.1601-1606, 2006 (SCI-Expanded)
- XI. **Photocatalytic degradation kinetics of di- and tri-substituted phenolic compounds in aqueous solution by TiO<sub>2</sub>/UV**  
Kusvuran E., Samil A., Atanur O., Erbatur O.  
APPLIED CATALYSIS B-ENVIRONMENTAL, vol.58, pp.211-216, 2005 (SCI-Expanded)
- XII. **Study of Cu(II) biosorption by dried activated sludge: effect of physico-chemical environment and kinetics study**  
Gulnaz O., Saygideger S., Kusvuran E.  
JOURNAL OF HAZARDOUS MATERIALS, vol.120, pp.193-200, 2005 (SCI-Expanded)
- XIII. **Comparison of the treatment methods efficiency for decolorization and mineralization of Reactive Black 5 azo dye**  
Kusvuran E., Irmak S., Yavuz H., Samil A., Erbatur W.  
JOURNAL OF HAZARDOUS MATERIALS, vol.119, pp.109-116, 2005 (SCI-Expanded)
- XIV. **Degradation of 4-chloro-2-methylphenol in aqueous solution by UV irradiation in the presence of titanium dioxide**  
Irmak S., Kusvuran E., Erbatur O.  
APPLIED CATALYSIS B-ENVIRONMENTAL, vol.54, no.2, pp.85-91, 2004 (SCI-Expanded)
- XV. **Comparison of several advanced oxidation processes for the decolorization of Reactive Red 120 azo dye in aqueous solution**  
Kusvuran E., Gulnaz O., Irmak S., Atanur O., Yavuz H., Erbatur O.  
JOURNAL OF HAZARDOUS MATERIALS, vol.109, pp.85-93, 2004 (SCI-Expanded)
- XVI. **Degradation of aldrin in adsorbed system using advanced oxidation processes: comparison of the treatment methods**  
Kusvuran E., Erbatur O.  
JOURNAL OF HAZARDOUS MATERIALS, vol.106, pp.115-125, 2004 (SCI-Expanded)
- XVII. **Comparison of the fatty acid composition of the freshwater fish larvae *Tilapia zillii*, the rotifer *Brachionus calyciflorus*, and the microalgae *Scenedesmus abundans*, *Monoraphidium minutum* and *Chlorella vulgaris* in the algae-rotifer-fish larvae food chains**  
Isik O., Sarihan E., Kusvuran E., Gul S., Erbatur O.  
AQUACULTURE, vol.174, pp.299-311, 1999 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Comparison of nanoscale zero-valent iron, fenton, and photo-fenton processes for degradation of pesticide 2,4-dichlorophenoxyacetic acid in aqueous solution**  
Ertosun F. M., Cellat K., Eren O., Gul S., KUŞVURAN E., ŞEN F.  
SN APPLIED SCIENCES, vol.1, no.11, 2019 (ESCI)
- II. **Treatment of Olive Mill Wastewater by Catalytic Ozonation Using Activated Carbon Prepared from Olive Stone by KOH**  
orkide e., şermin g., KUŞVURAN E., kemal c., fatma mıdık e.  
Asian Journal Of Chemistry, vol.27, no.11, pp.4106-4110, 2015 (Scopus)

## Metrics

Publication: 19

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