

## ESERLER

### **A. Uluslararası hakemli dergilerde yayımlanan makaleler :**

**A1.** Kerc, A., Saatci, A. M., "Computerized Continuous Monitoring and Analysis of Ozone in Solution", *Ozone Science and Engineering*, Vol.18, 469-476, 1996.

**A2.** Kerc, A., Bekbolet, M., Saatci, A.M., "Effect of Partial Oxidation by Ozonation on the Photocatalytic Degradation of Humic Acids", *International Journal of Photoenergy*, Vol 5, 75-80, 2003.

**A3.** Kerc, A., Bekbolet, M., Saatci, A.M., "Sequential Oxidation of Humic Acids by Ozonation and Photocatalysis", *Ozone Science and Engineering*, Vol 25, No 6, 2004.

**A4.** Kerc, A., Bekbolet, M., Saatci, A.M., "Effects of Oxidative Treatment Techniques on Molecular Size Distribution of Humic Acids", *Water Science and Technology*, Vol 49, No 4, 7-12, 2004.

**A5.** Ceyda Senem Uyguner, Serif Altan Suphandag, Aslihan Kerc, Miray Bekbolet, "Evaluation of adsorption and coagulation characteristics of humic acids preceded by alternative advanced oxidation techniques" , *Desalination*, 210, 183-193, 2007.

**A6.** Kerc, A. and Olmez, S. S. "Ozonation of Odorous Air in Wastewater Treatment Plants", *Ozone: Science & Engineering*, 32: 3, 199 – 203, 2010.

**A7.** Evcimen, S., Kerc, A. "Application of UV Disinfection in Municipal Wastewater Treatment Plants for Agricultural Use of Reclaimed Wastewater in Turkey", *Desalination and Water Treatment*, Vol 26, 39-44, 2011.

**A8.** Tollefson, L., Atfy, H. E., Facon, T., Kerc, A., "Policy, Science and Society Interaction", *Irrigation and Drainage* , Vol. 63, 158-175, 2014.

**A9.** Can. Z. S., Firlak, M., Kerc, A., Evcimen, S., "Evaluation of different wastewater treatment techniques in three WWTPs in Istanbul for the removal of selected EDCs in liquid phase", *Environ Monit Assess*, Vol 186, 525–539, 2014.

### **B. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında (Proceedings) basılan bildiriler :**

**B1.** Yukselen, M. A., Kerc, A., Saatci, A. M., "Effect of Solar Intensity on Bacterial Die-off", *The Second International Conference on the Mediterranean Coastal Environment, MEDCOAST 95- Spain, 24-27 October*, pp 1579-1585, 1995.

**B2.** Kerc, A., Saatci, A. M., Aktuz, E., "Measurement of Ozone Demand", *The Fourth International Conference on Advanced Oxidation Technologies, Orlando-USA, 22-24 September, Abstract book 80*, 1997.

**B3.** Kerc, A., Bekbolet, M., Saatci, A.M. "Color and Organic Matter Removal in Humic Acid Solutions by Ozonation", *2nd International Conference on Oxidation Technologies for Water and Wastewater Treatment, Clausthal-Zellerfeld, Germany, 28-31 May*, pp 11-13, 2000.

**B4.** Kerc, A., Bekbolet, M., Saatci, A.M. "Sequential Oxidation of Humic Acids by Ozonation and Photocatalysis" *Proceedings of IO3A – International Conference on Ozone in Global Water Sanitation, Amsterdam / Holland, 1-3 October*, V2 1- V2 16, 2002.

- B5.** Kerc, A. Saatci, A.M., Bekbolet, M., "Oxidative Removal of Humic Acids with Heterogeneous Catalytic Ozonation Using Illuminated Titanium Dioxide Suspensions", *IOA-EA3G (International Ozone Association) International Conference on Ozone, Berlin / Germany, 7-9 April*, 351 – 367, 2003.
- B6.** Kerc, A. Saatci, A.M., Bekbolet, M., "Effects of Oxidative Treatment Techniques on Molecular Size Distribution of Humic Acids", *Proceedings of IWA (International Water Association) 3<sup>rd</sup> International Conference on Oxidation Technologies for Water and Wastewater Treatment, Goslar / Germany, 18-22 May*, 628 – 633, 2003.
- B7.** Kerc, A., Uyguner, C., Bekbolet, M., "Application of Oxidative Removal Techniques for Organic Matter Elimination in Drinking Water Sources", *The Ninth International Conference on Advanced Oxidation Technologies for Water and Air Remediation (AOTs-9), Montreal / Canada, 27-29 September*, Abstract book, 227-228, 2003.
- B8.** Kerc, A., Sen, S., Bekbolet, M., " Effects of Preoxidation on the Coagulation Characteristics of Natural Organic Compounds", *Proceedings of International Ozone Association (IO3A), International Conference on Advances in Science and Engineering for Industrial Applications of Ozone and Related Oxidants, Barcelona, Spain, 10 – 12 March*, pp III.1.3 – 1, III.1.3 – 6, 2004.
- B9.** Cebeci, O. Z., Genc, S., Kerc, A., Karatas, H., Feyzioglu, A., Coskun, F., Ozpeynirci, O., Kozanoglu, G., "A Three Dimensional Evaluation Model for R&D Proposals in Turkey", *NATO Advanced Research Workshop "Bulgarian Integration into Europe and NATO Policies - Best Practices"*, Sofia, Bulgaria, pp111-120, 16-19 May 2005.
- B10.** Kerc, A. "Odour Control in Istanbul Wastewater Treatment Plants Using Ozonation and Chemical Scrubbing", Abstracts: *International Ozone Association (IO3A) 17<sup>th</sup> World Congress and Exhibition – Ozone and Related Oxidants Innovative and Current Technologies*, Strasbourg, France, 22-25 August, p 71, 2005.
- B11.** Kerc, A., Olmez, S.S. "Ozonation of Odorous Air in Wastewater Treatment Plants", *ARTE 2009 First International Workshop on Application of Redox Technologies in the Environment*, İstanbul, Türkiye, Book of Abstracts pp 106-108, 14-15 September, 2009.
- B12.** Evcimen, S., Kerc, A. "Application of UV Disinfection in Municipal Wastewater Treatment Plants for Agricultural Use of Reclaimed Wastewater in Turkey", *ULE 2009, International Workshop on Urbanisation, Land Use, Land Degradation and Environment*, Denizli, Turkey, 28 Sept – 1 Oct, Workshop – II: Environmental Proceedings pp 261-267, 2009.
- B13.** Firlak, M., Can, Z. S., Evcimen, S., Kerc, A. "Screening of Endocrine Disrupting Compounds in Pasakoy Municipal Wastewater Treatment Plant and Their Removal by Ozonation", *5th Black Sea Basin Conference on Analytical Chemistry*, Fatsa-Ordu, Turkey, Book of Abstracts, p 45, 23-26 September, 2009.
- B14.** Evcimen, S., Alpak, H. B., Kerc, A. "Comparative Evaluation of Ozonation and UV Disinfection in Municipal Wastewater Treatment Plants for Reuse Applications", *20th IOA World Congress - 6th IUVA World Congress: Ozone and UV Leading-edge science and technologies Proceedings*, VIII.2.2 1-8, Paris, Fransa, 23-27 Mayıs 2011
- B15.** Can, Z. S., Kerc, A., Evcimen S., Firlak, M., "Monitoring and Oxidative Removal of EDCs in Istanbul Wastewater Treatment Plant", *20th IOA World Congress - 6th IUVA World Congress: Ozone and UV Leading-edge science and technologies Proceedings*, VIII.2.8 1- 10, Paris, Fransa, 23-27 Mayıs 2011
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**B. 16.** Evcimen, S., Firlak, M., Kerc, A., Can, Z. S., "Investigation of Endocrine Disrupting Compound Removal Efficiencies of Istanbul Wastewater Treatment Plants" *International Sustainable Water and Wastewater Management Symposium Proceedings, Vol 2, 1043-1050, 26-29 Ekim 2010.*

**C. Yazılan uluslararası kitaplar veya kitaplarda bölümler :**

**C1.** Kerc, A., Saatci, A. M., Selcuk, H. "Water Treatment Applications in Turkey: Examples from Istanbul", Control of Disinfection By-Products in Drinking Water Systems (Editörler: A. Nikolau, L. Rizzo, H. Selcuk), 523-531 pp., ABD, Nova Science Publishers, 2007.

**D. Ulusal hakemli dergilerde yayımlanan makaleler :**

**E. Ulusal bilimsel toplantılarda sunulan ve bildiri kitaplarında basılan bildiriler:**

**E1.** Kerç, A., Saatçı, A. M., "İçme Sularında Ozon İhtiyacının Belirlenmesi", *İçme Suyu Sempozyumu, İstanbul, 7-10 Ekim*, Bildiri kitabı 115-119, 1996.

**E2.** Kerç, A., Bekbölet, M., Saatçı, A. M., "İçme Sularındaki Doğal Organik Maddelerin Oksidasyonu", *Türkiye'de Çevre Kirlenmesi Öncelikleri Sempozyumu IV, 9-10 Ekim, Gebze, Kocaeli*, Bildiriler kitabı 318-322, 2003.

**E3.** Firlak, M., Can. Z. S., Evcimen, S., Kerc, A., "Katı Faz Ekstraksiyonu ve GC/MS ile istanbul'daki Evsel Atrksulardaki Endokrin Bozucu Maddelerin Taranması ve Giderimi", *Türkiye'de Çevre Kirlenmesi Öncelikleri Sempozyumu 7, Sayfa 49, 22-23 Kasım 2012.*

**F. Diğer yayınlar :**

Saatçı, A. M., Kerç, A., "İçme Suyu Arıtımında Ozon Kullanımı", *Yeni Türkiye, Sayı 5, 496-498, 1995.*