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EĞİTİM BİLGİLERİ:

Doktora: (Devam ediyor) Çevre Mühendisliği, Çevre Mühendisliği, Marmara Üniversitesi, Kadıköy, İstanbul.

Yüksek Lisans: (2016) Çevre Mühendisliği, Çevre Mühendisliği, Marmara Üniversitesi, Kadıköy, İstanbul.

Lisans: (2012) Çevre Mühendisliği, Çevre Mühendisliği, Kocaeli Üniversitesi, İzmit, Kocaeli.

ÜNVAN:

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ONUR VE ÖDÜLLER:

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YAYINLANMIŞ KİTAPLAR ve KİTAPLARDA BÖLÜMLER:

Sürmeli, R.Ö. (2016). "Environmental and Economic Analysis of a Rainwater Harvesting System at Marmara University." Engineering Approaches on Sustainability, 151-157.

PATENTLER:

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YAYINLANMIŞ MAKALELER (SCI indeks):

1. Sürmeli, R.Ö., Bayrakdar, A., Çalli, B. (2017). "Removal and recovery of ammonia from chicken manure." Water Science and Technology 75(12): 2811-2817.
2. Bayrakdar A., Molaey R., Sürmeli R.Ö., Sahinkaya E., Çalli B. (2017). "Biogas production from chicken manure: Co-digestion with spent poppy straw." International Biodeterioration & Biodegradation, 119: 205–210.
3. Bayrakdar A., Sürmeli R.Ö., Çalli B. (2017). "Dry anaerobic digestion of chicken manure coupled with membrane separation of ammonia." Bioresource Technology, 244 (1): 816-223.
4. Sürmeli R. Ö., Bayrakdar A., Molaey R., Çalli B. (2017). "Synergistic Effect of Sulfide and Ammonia on Anaerobic Digestion of Chicken Manure." Waste and Biomass Valorization, <https://doi:10.1007/s12649-017-0090-z>,
5. Molaey R., Bayrakdar A., Sürmeli R. Ö., Çalli B. (2018). "Anaerobic digestion of chicken manure: Mitigating process inhibition at high ammonia concentrations by selenium supplementation." Biomass and Bioenergy, 108: 439-446.
6. Molaey R., Bayrakdar A., Sürmeli, R.Ö., Çalli, B. (2018). "Influence of trace element supplementation on anaerobic digestion of chicken manure: Linking process stability to methanogenic population dynamics." Journal of Cleaner Production, 181: 794–800.

7. Bayrakdar A., Sürmeli, R.Ö., Çalli, B. (2018). "Anaerobic digestion of chicken manure by a leach-bed process coupled with side-stream membrane ammonia separation." Bioresource Technology, 258: 41-47.
8. Sürmeli, R.Ö., Bayrakdar A., Çalli, B. (2018). "Ammonia recovery from chicken manure digestate using polydimethylsiloxane membrane contactor." Journal of Cleaner Production, 191: 99–104.

YAYINLANMIŞ ULUSAL MAKALELER:

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YAYINLANMIŞ KONFERANS MAKALELERİ:

1. Molaey, R., Sürmeli, R. Ö., Bayrakdar, A. and Çalli, B. (2014). "Biogas Production from chicken manure: co-digestion with poppy straw", Fifth International Symposium on Energy from Biomass and Waste, Servolo, Venedik, İTALYA.
2. Molaey, R., Bayrakdar, A., Sürmeli, R. Ö. and Çalli, B. (2015). "Effect of Trace Metal Supplementation on Anaerobic Digestion of Chicken Manure", International Conference on Civil and Environmental Engineering, Kapadokya, Nevşehir, TÜRKİYE.
3. Sürmeli, R. Ö., Bayrakdar, A., Molaey, R. and Çalli, B. (2015). "Ammonia Removal from Chicken Manure", International Conference on Civil and Environmental Engineering, Kapadokya, Nevşehir, TÜRKİYE.
4. Sürmeli, R. Ö., Bayrakdar, A., Molaey, R. and Çalli, B. (2015). "Removal and Recovery of Ammonia from Chicken Manure: Improving Biomethane Potential", IWA 7th Eastern European Young WATER Professionals Conference, Belgrad, SIRBİSTAN.
5. Sürmeli, R.Ö., Bayrakdar A., Calli B. (2016). "Seperation of Ammonia from Anaerobically Digested Chicken Manure via PDMS Membrane Contactor", 3rd International Conference of Recycling and Reuse, İstanbul, TÜRKİYE.
6. Bayrakdar A., Sürmeli, R.Ö., Calli B. (2016). "Mono Digestion of Chicken Manure", 3rd International Conference of Recycling and Reuse, İstanbul, TÜRKİYE.
7. Sürmeli, R.Ö. (2016). "Environmental and Economic Analysis of A Rainwater Harvesting System at Marmara University", International Sustainability Congress 2016, İstanbul, TÜRKİYE.
8. Sürmeli, R.Ö. (2016). "Vermicomposting System for A Sustainable Waste Management at Marmara University", International Sustainability Congress 2016, İstanbul, TÜRKİYE.
9. Sürmeli, R. Ö., Bayrakdar A., Molaey R., Çalli B. (2016). "Effect of sulfide on anaerobic digestion of chicken manure at high ammonia concentrations", 1st International ABWET Conference: Waste-to-bioenergy: Applications in Urban areas, Paris, FRANSA.
10. Bayrakdar A., Molaey R., Sürmeli, R.Ö., Çalli B. (2016). "Bio-methane Potential of Tannery wastes", 5th International Conference on Sustainable Solid Waste Management, Atina, YUNANİSTAN.
11. Sürmeli, R.Ö., Bayrakdar A., Çalli B. (2016). "Air Drying of Dewatered Biogas Digestate and the use of Dried Product as Bulking Agent", 5th International Conference on Sustainable Solid Waste Management, Atina, YUNANİSTAN.
12. Bayrakdar A., Molaey R., Sürmeli R.Ö., Calli B. (2016). "Influence of Trace Element Supplementation on Anaerobic Mono- Digestion of Chicken Manure", 1st International congress on Metals in Anaerobic Biotechnologies (IMAB17), Sevilla, İSPANYA.
13. Molaey R., Bayrakdar A., Sürmeli R.Ö., Calli B. (2016). "Influence of Trace Elements on the Methanogenic Pathway at High Ammonium Concentrations", 1st International congress on Metals in Anaerobic Biotechnologies (IMAB17), Sevilla, İSPANYA.

14. Bayrakdar A., Sürmeli R.Ö., Calli B. (2016). "Ammonia Recovery From Liquid Fraction Of Chicken Manure Digestate", 3. International Conference on Civil and Environmental Engineering (3. ICOCEE), İzmir, TÜRKİYE.

ARAŞTIRMA PROJELERİ:

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