

AKADEMİK ÖZGEÇMİŞ

1. Adı Soyadı: Filiz Al Shanableh

2. Unvanı: Doçent Doktor

3. Öğrenim Durumu:

Derece	Bölüm/Program	Üniversite	Yıl
Lisans	Kırıma Mühendisliği	Orta Doğu Teknik Üniversitesi	1992
Y. Lisans	Uluslararası İlişkiler	Yakın Doğu Üniversitesi	1996
Y. Lisans	Elektrik ve Elektronik Müh.	Yakın Doğu Üniversitesi	2005
Doktora	Makina Mühendisliği	Yakın Doğu Üniversitesi	2017

4. Yüksek Lisans / Doktora Tezi

4.1. Yüksek Lisans Tez Başlığı ve Tez Danışman(lar)ı: "ANN based product quality prediction for crude oil distillation unit" Prof.Dr. Rahib Abiyev

4.2. Doktora Tezi/Tıpta Uzmanlık Tez Başlığı ve Danışman(lar)ı: "Characterization of cold flow properties of biodiesel transesterified from waste frying oil" Prof.Dr. Mahmut A. Savaş, Doçent Dr. Ali Evcil

5. Akademik Unvanlar:

Yardımcı doçentlik tarihi: 10.08.2018

Doçentlik tarihi: 24.11.2023

Profesörlük tarihi:

6. Yönetilen Yüksek Lisans ve Doktora Tezleri:

6.1. Yüksek lisans tezleri: Cosupervised- Kardo Abo Baker, "Production of biodiesel using supercritical methanol method", 2013.

6.2. Doktora tezleri

7. Yayınlar

7.1. Uluslararası hakemli dergilerde yayınlanan makaleler (SCI, SSCI, AHCI, ESCI, Scopus)

- Al-Shanableh, F., & Savas, M. A. (2023). Biodiesel Production Using Supercritical Methanol in Bench-Scale Reactor. *The Eurasia Proceedings of Science Technology Engineering and Mathematics*, 23, 19-25. <https://doi.org/10.55549/epstem.1357601>
- Al-Shanableh, F. (2023). A Comparative Analysis of Uncertainty Assessment for Annual Yield Prediction of Citrus Growth Using FIS and ANFIS Models. *The Eurasia Proceedings of Science Technology Engineering and Mathematics*, 23, 332-337. <https://doi.org/10.55549/epstem.1368275>
- Al-Shanableh, F., Bilin, M., Evcil, A., Savas, M.A. (2023). Estimation of cold flow properties of biodiesel using ANFIS-based models, *Energy Sources, Part A: Recovery, Utilization, and Environmental Effects*, 45:2, 5440-5457, DOI: 10.1080/15567036.2019.1672832
- Al-Shanableh, F., Savas, M.A.(2022). Material Selection of Batch Type Supercritical Reactor for Biodiesel Production. *The Eurasia Proceedings of Science Technology Engineering and Mathematics*, 21, 477-483.
- Al-Shanableh, F. (2022). Prediction of the Annual Yield of Citrus Growth in the Guzelyurt District Using Fuzzy Inference Systems. In: Kahraman, C., Tolga, A.C., Cevik Onar, S., Cebi, S., Oztaysi, B., Sari, I.U. (eds) Intelligent and Fuzzy Systems. INFUS 2022. Lecture Notes in Networks and Systems, vol 504. Springer, Cham. DOI: 10.1007/978-3-030-94191-8_82
- Al-Shanableh, F., Evcil, A., (2022). Prediction of energy consumption of residential buildings in northern Cyprus using fuzzy interference system. *Energy and Buildings*, Volume 256, 111555, 2022. DOI: 10.1016/j.enbuild.2021.111555
- Al-Shanableh, F. (2021). Product Quality Prediction of 95% Naphtha Cut Point in Crude Distillation Unit Using Artificial Neural Networks. In: Ben Ahmed, M., Boudhir, A.A., Karaş, İ.R., Jain, V., Mellouli, S. (eds) Innovations in Smart Cities Applications Volume 5. SCA 2021. Lecture Notes in Networks and Systems, vol 393. Springer, Cham. DOI: 10.1007/978-3-030-9
- Al-Shanableh, F., Alshanableh, M., Evcil, A., Savas, M.A.(2021). Failure investigation of a prematurely fractured stainless steel bone fixation implant. ISMSIT 2021 - 5th International Symposium on Multidisciplinary Studies and Innovative Technologies, IEEE Conferences Proceedings, pp. 263-266. DOI: 10.1109/ISMSIT52890.2021.9604674
- Al-Shanableh, F., Bilin, M., Evcil, A., Savas, M.A.(2020). A Study of Jojoba Oil Extraction Based on a Fuzzy Logic Model. 4th International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2020 - IEEE Conferences Proceedings, 2020, 9255214. DOI:10.1109/ISMSIT50672.2020.9255214
- Bilin, M., Al-Shanableh, F., Evcil, A., Savas, M.A.(2020). Potential of Jojoba Agriculture in Mesarya Plain of Cyprus Island. 4th International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2020 - IEEE Conferences Proceedings, 2020, 9255250. DOI:10.1109/ISMSIT50672.2020.9255250
- Al-Shanableh, F., Bilin, M., Evcil, A., Savas, M.A. (2020). Optimization of Oil Extraction from Jojoba Seeds of Mesaoria Plain in Screw Expelling Using Taguchi Design.

INTERNATIONAL JOURNAL OF RENEWABLE ENERGY RESEARCH Volume: 10 Issue: 1
Pages: 400-406. ISSN:13090127. <https://doi.org/10.20508/ijrer.v10i1.10516.g7886>

- M Bilin, F Alshanableh, A Evcil, MA Savas. (2018). A Comparative Examination of the Quality of Jojoba Seed Oil Harvested on the Mesaoria Plain of Cyprus Island. 2nd International Symposium on Multidisciplinary Studies and Innovative Technologies (ISMSIT 2019), pp 1-4, IEEE Conferences, 2018, DOI: 10.1109/ISMSIT.2018.8567052.
- Evcil, A., Al-Shanableh, F., Savaş, M.A. (2018) Variation of solid fraction with cold flow properties of biodiesel produced from waste frying oil. Fuel, 215C: 522-527. doi: 10.1016/j.fuel.2017.11.055
- Al-Shanableh, F., Evcil, A., Savaş, M.A. (2017). Fuzzy logic model for prediction of cold filter plugging point of biodiesel from various feedstock. Procedia Computer Science, 120: 245-252. doi:10.1016/j.procs.2017.11.235
- Al-Shanableh, F., Evcil, A., Savaş, M.A. (2016). Prediction of Cold Flow Properties of Biodiesel Fuel Using Artificial Neural Network. Procedia Computer Science, 102: 273-280. doi:10.1016/j.procs.2016.09.401.

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

- Al-Shanableh, F., & Savas, M. A. (2023). Biodiesel Production Using Supercritical Methanol in Bench-Scale Reactor. 5th International Conference on Research in Engineering, Technology and Science (ICRETS), July 06 - 09, 2023, Budapest, Hungary.
- Al-Shanableh, F. (2023). A Comparative Analysis of Uncertainty Assessment for Annual Yield Prediction of Citrus Growth Using FIS and ANFIS Models. 5th International Conference on Research in Engineering, Technology and Science (ICRETS), July 06 - 09, 2023, Budapest, Hungary.
- Al-Shanableh, F., Savas, M.A.(2022). Material Selection of Batch Type Supercritical Reactor for Biodiesel Production. International Conference on Technology, Engineering and Science (IConTES) November 16-19, 2022, Antalya, Turkey.
- Al-Shanableh, F. (2022). Prediction of the Annual Yield of Citrus Growth in the Guzelyurt District Using Fuzzy Inference Systems The International Conference on Intelligent and Fuzzy Systems, INFUS 2022. 19-21, July, İzmir, Turkey.
- Al-Shanableh, F., Alshanableh, M., Evcil, A., Savas, M.A.(2021). Failure investigation of a prematurely fractured stainless steel bone fixation implant. 5th International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2021, 21-23 October 2021, Turkey.
- Al-Shanableh, F. (2021). Product Quality Prediction of 95 % Naphtha Cut Point in Crude Distillation Unit Using Artificial Neural Networks. The 6th International Conference on Smart City Applications SCA 21, 27-29 October, 2021. Virtual Safranbolu, Turkey.
- Al-Shanableh, F., Bilin, M., Evcil, A., Savas, M.A.(2020). A Study of Jojoba Oil Extraction Based on a Fuzzy Logic Model. 4th International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2020 - IEEE Conferences Proceedings, 2020, 9255214. DOI:10.1109/ISMSIT50672.2020.9255214

- Bilin, M., Al-Shanableh, F., Evcil, A., Savas, M.A.(2020). Potential of Jojoba Agriculture in Mesarya Plain of Cyprus Island. 4th International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2020 - IEEE Conferences Proceedings, 2020, 9255250. DOI:10.1109/ISMSIT50672.2020.9255250
- Metin Bilin, Filiz Alshanableh, Ali Evcil and Mahmut A. Savaş (2018). A Comparative Examination of the Quality of Jojoba Seed Oil Harvested on the Mesaoria Plain of Cyprus Island. 2nd International Symposium on Multidisciplinary Studies and Innovative Technologies, ISMSIT 2018, 19-21 October 2018. Ankara, Turkey.
- Al-Shanableh, F., Evcil, A., Savaş, M.A. (2017). Fuzzy logic model for prediction of cold filter plugging point of biodiesel from various feedstock . 9th International Conference on Theory and Application of Soft Computing, Computing with Words and Perception, ICSCCW 2017, 24-25 August 2017, Budapest, Hungary.
- Al-Shanableh, F., Evcil, A., Savaş, M.A. (2016). Prediction of Cold Flow Properties of Biodiesel Fuel Using Artificial Neural Network. 12th International Conference on Application of Fuzzy Systems and Soft Computing, ICAFS 2016, 29-30 August 2016, Vienna, Austria.
- F. Al-Shanableh, A. Evcil, C. Gövsa, M. A. Savaş, "A Comparative Examination of Cold Flow Properties and Acidity of Biodiesel Produced from Virgin and Waste Canola Oil", International Conference on Energy Research and Development (ICERD5), Kuwait, April 5, 2012.
- AlShanableh Filiz, Evcil Ali, Gövsa Cemal, Savas Mahmut A., "A Comparison of Cold Flow Properties of Biodiesel Produced from Virgin and Used Frying Oil", 6th International Green Energy Conference (IGEC-6), Eskişehir, Turkey, June 5-9, 2011.
- Evcil Ali, AlShanableh Filiz, Govsa Cemal, Savas Mahmut A., "Biodiesel Production from Waste Frying Oil and Determination of Its Cold Flow Properties", International Conference on Energy and Automotive Technologies (ICAT'10), Istanbul, Turkey, November 5, 2010.

7.4. Yazılan ulusal/uluslararası kitaplar veya kitaplarda bölümler

- Al-Shanableh, F. (2022). Prediction of the Annual Yield of Citrus Growth in the Guzelyurt District Using Fuzzy Inference Systems. In: Kahraman, C., Tolga, A.C., Cevik Onar, S., Cebi, S., Oztaysi, B., Sari, I.U. (eds) Intelligent and Fuzzy Systems. INFUS 2022. Lecture Notes in Networks and Systems, vol 504. Springer, Cham. DOI: 10.1007/978-3-030-94191-8_82
- Al-Shanableh, F. (2021). Product Quality Prediction of 95% Naphtha Cut Point in Crude Distillation Unit Using Artificial Neural Networks. In: Ben Ahmed, M., Boudhir, A.A., Karaş, İ.R., Jain, V., Mellouli, S. (eds) Innovations in Smart Cities Applications Volume 5. SCA 2021. Lecture Notes in Networks and Systems, vol 393. Springer, Cham. DOI: 10.1007/978-3-030-9

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

8. Sanat ve Tasarım Etkinlikleri

9. Projeler

- 2010-2012- Proje Üyesi- Bu araştırma Yakın Doğu Üniversitesi Araştırma Fonu tarafından YDÜ 2010-2-21 proje numarası ile desteklenmiştir.. Atık kızartma yağından biyodizel üretimi ve soğuk akış özelliklerinin karakterizasyonu. TC / KKTC Bilimsel Araştırma Projesi –Aralık 2010- Ocak 2012

10. İdari Görevler

Kimya Dersleri Koordinatörlüğü: 1992-2012

Gıda Mühendisliği Koordinatörlüğü: 2010-2013

Mühendislik Fakültesi Çift Anadol Programı Koordinatörlüğü: 2018

11. Bilimsel ve Mesleki Kuruluşlara Üyelikler

12. Ödüller

Yakın Doğu Üniversitesi 2021- Yayın Ödülü

13. Son İki Yılda Verilen Lisans ve Lisansüstü Dersler

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2021 - 2022	Güz	KIM101-Genel Kimya 1 (2 Grup)	4x2	-	102
		MSN201-Malzeme Bilimi	3	-	2
		MSN303- Katı Hal Kimyasına Giriş	3	-	3
		MSN307 - Malzemelerin Kristalografisi	3	-	3
		MSN403-Malzeme Biliminde Deneysel Yöntemler	3	-	3
	Bahar	KIM101-Genel Kimya 1	4	-	29
		KIM102-Genel Kimya 2	3	-	48
		CHM102- Genel Kimya 2	3	-	34
		MSN302- Mühendislik Tasarımında Malzeme Seçimi	3	-	3
		MSN308-Komposit Malzemeler	3	-	2
2022 - 2023	Güz	MSN479- Malzemelerin Elektrik Dielektrik ve Manyetik Özellikleri	3	-	1
		KIM101-Genel Kimya 1 (2 Grup)	4x2	-	144
		KIM102-Genel Kimya 2	3	-	6
		CHM102- Genel Kimya 2	3	-	12
		CHM201-Inorganik Kimya	3	-	1
	Bahar	MSN403- Malzeme Biliminde Deneysel Yöntemler	3	-	1
		KIM101-Genel Kimya 1	4	-	65
		KIM102-Genel Kimya 2	3	-	44
		CHM102- Genel Kimya 2	3	-	27
		KIM212-Analitik Kimya	3	-	10