

AKADEMİK ÖZGEÇMİŞ

1. Adı Soyadı: Lida Ebrahimi Vafaei

2. Unvanı: Yard.Doç.Dr

3. Öğrenim Durumu: Dr

Derece	Bölüm/Program	Üniversite	Yıl
Lisans	Fizik	Hacetepe Üniversitesi	1991
Y. Lisans	Fizik Mühendisliği	DoğuAkdeniz Üniversitesi	1993
Doktora	Güneş Enistitusu	Ege Üniversitesi	2002

4. Yüksek Lisans / Doktora Tezi**4.1.Yüksek Lisans Tez Başlığı ve Tez Danışman(lar)ı:**

The Measurement of Global Solar Insolation by Silicon Solar Cells in Famagusta, Prof. Dr.Remzi Engin

4.2. Doktora Tezi/Tıpta Uzmanlık Tezi Başlığı ve Danışman(lar)ı:

Binalarda güneş enerjisinininden edilegen yararlanmada saydam yalıtım malzemeleri, Prof. Dr.Necdet Özbalta

5. Akademik Unvanlar:

Yardımcı doçentlik tarihi: 8 Eylül 2004

Doçentlik tarihi:

Profesörlük tarihi:

6. Yönetilen Yüksek Lisans ve Doktora Tezleri:**6.1. Yüksek lisans tezleri**

-Investigation and analysis of thermal efficiency of heat insulation materials,...

-Building integrated photovoltaic solar cells for small roof tiles

-Thermal performances of water and heat insulation materials for walls: A case study in North Cyprus

-Application of PV for Electricity Generation in Tajoura Heart Hospital ICU-Libya & Applied at Near East Hospital

Effective Energy Conversion Design for an Electric Vehicle Integrating Solar Energy with an Effective Braking System: A Case Study in Nicosia

-CONCEPT OF SOLAR POWERED ELECTRICAL VEHICLE CHARGING STATIONS- Natasha HEMED

-Efficient Energy Conversion Design for an Electric Vehicle integrating Solar Energy(PV) and an Effective Braking System." OTEPOLA Adeleye Adeoluwa

6.2. Doktora tezleri

Experimental analysis of transparent insulation material using nonmetallic honeycomb and comparing without in Turkish Republic of North Cyprus (yayın beklenilir)

7. Yayınlar

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

A comparative survey of the energy performances of dwellings across Cyprus
A Evcil, LE Vafaei
Energy and Buildings 148, 15-22

-An extendable soft-switched high step-up converter with near zero-ripple input current suitable for fuel cell-powered applications received: 7 May 2022 Revised: 19 July 2022 Accepted: 8 August 2022 IET Renewable Power Generation DOI: 10.1049/rpg2.12580

7.2. Uluslararası diğer hakemli dergilerde yayınlanan makaleler (ESCI, Scopus, ERIC, ScienceDirect)

-Lida Ebrahimi Vafaei¹ and Melike Sah².Predicting efficiency of flat-plate solar collector using a fuzzy inference system", 9th International Conference on Theory and Application of Soft Computing, Computing with Words and Perception, ICSCCW 2017, 22-23 August 2017, Budapest, Hungary. Book Series: Procedia Computer Science, Volume:120, Pages:221-228,**2017**.

-Lida Ebrahimi Vafaei¹ and Melike Sah² "Predicting freshwater of single slope solar still using a fuzzy inference system"13th International Conference on Theory and Application of Fuzzy Systems and Soft Computing, (ICAFS- 2018), held in Warsaw, Poland on August 27-28, 2018 .DOI.10.1007/978-3-030-04164-9=46

-A comparative survey of the energy performances of dwellings across Cyprus
A Evcil, LE Vafaei
Energy and Buildings 148, 15-22

-Survey of Energy Systems in Nicosia, TRNC
LE Vafaei
2019 3rd International Symposium on Multidisciplinary Studies and Innovation

-Lida Ebrahimi Vafaei, Experiments on Glass to determine the best glass bass on comfort in Cyprus weather. Published in 2019 3rd. DOI. 10.1109/ISMSIT.2019.8932832.

-Application of PV for Electricity Generation in Tajoura Heart Hospital ICU-Libya and applied

at Near East Hospital
AAAB Amira, LE Vafaei
2020 4th International Symposium on Multidisciplinary Studies and Innovative ...-Roof
application of solar cells angularly and aesthetically
Published in: 2021 5th International Symposium on Multidisciplinary Studies and Innovative
Technologies (ISMSIT)
DOI: 10.1109/ISMSIT52890.2021.9604590
Publisher: IEEE

-The Eurasia Proceedings of Science, Technology, Engineering & Mathematics (EPSTEM),
2022 Volume 21, Pages 96-109 IConTES 2022: International Conference on Technology,
Engineering, and Science Comparison of Transparent Insulated and Non-Insulated Solar Cell
Lida EBRAHIMI-VAFAEI

-Investigation of Maximum Power for Tracking Photovoltaic System Fotovoltaik Sistem Takibi
İçin Maksimum Gücün İncelenmesi,2022

-An extendable soft-switched high step-up converter with near zero-ripple input current
suitable for fuel cell-powered applications. Received: 7 May 2022 Revised: 19 July 2022
Accepted: 8 August 2022 IET Renewable Power Generation DOI: 10.1049/rpg2.12580

-Performance and Analysis of Thermal Energy on Solar Reflector Cooker -
Application of an Alternative Source of Energy in Cyprus
The Eurasia Proceedings of Science, Technology, Engineering & Mathematics
(EPSTEM), 2022 Volume 21, Pages 396-403

-Development of a Novel Multi-Modal Contextual Fusion Model for Early Detection of
Varicella Zoster Virus Skin Lesions in Human Subjects, [Processes, 2023 - mdpi.com](https://www.mdpi.com)

-Experimental Prediction of glass temperatures using fuzzy inference system
L **Ebrahimi-Vafaei**, AA Otepolo - 2023 Innovations in Intelligent ..., 2023 -
ieeexplore.ieee.org

-Effective Energy Conversion Design for an Electric Vehicle İntegrating Solar Energy with
an Effective Braking System: A Case Study in Nicosia

7.2. Uluslararası diğerk hakemli dergilerde yayınlanan makaleler

7.3. Uluslararası bilimsel toplantılarda sunulan ve bildiri kitabında basılan bildiriler

7.4. Yazılan ulusal/uluslararası kitaplar veya kitaplarda bölümler

7.5. Ulusal hakemli dergilerde yayınlanan makaleler

8. Sanat ve Tasarım Etkinlikleri

9. Projeler

-Application of transparent insulation

-KKTC Su temin projesi

- Green hospitals , rooftop Gardening and using solar system for TRNC Flag
- Application of thermal glass over the roof
- Determination of thermal conductivity of brick
- Design and production of wind car

10. İdari Görevler,

Öğrenci danışmanlığı, Bölüm başkan yardımcılığı

11. Bilimsel ve Mesleki Kuruluşlara Üyelikler

12. Ödüller

Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2021 – 2022 Güz	EETT101	Elektro teknik	3		6
	EET221	Household Appliances	3		5
	EETT310	EETT310 Yenilenebilir Enerji Kaynakları	3		8
	MCT301	Mechatronics Components and Instrumentation	3		10
	MCT420	Principles of Photovoltaics, Fuel Cells and Batteries	3		5
	MCT421	Principles of sensors and condition monitoring for machine	3		5
	TBI 101	Teknolojinin Bilimsel ilkeleri	3		5
2021 – 2022 Bahar	MCT520	Advance photo voltage ,fuell cell and batteries	3		3
	MCT420	Principles of Photovoltaics, Fuel Cells and Batteries	3		16
	ELE496	Güneş enerji ile elektrik üretimi	3		19
	EE496	solar energy and system	3		46
	EETT220	Ölçme Tekniği	3		4
	EET221	HOUSEHOLD APPLICATION	3		7
Akademik Yıl	Dönem	Dersin Adı	Haftalık Saati		Öğrenci Sayısı
			Teorik	Uygulama	
2022 – 2023 Güz	ELE497	Rüzgar enerjisi ile elektrik üretimi	3		7
	MCT420	Principles of Photovoltaics, Fuel Cells and Batteries	3		8
	MCT421	Principles of sensors and condition monitoring for machine	3		7
	MCT301	Mechatronics Components and Instrumentation	3		18
	EETT101		3		10

		Elektroteknoloji			
	TBI101	Teknolojinin Bilimsel ilkeleri	3		7
	EETT221	Ev cihazları	3		3
			3		
2022 – 2023 Bahar	MCT100	introduction to mechatronics engineering	3		15
	OTO491	1Mühendislik tasarımı Mühendislik tasarımı I	3		2
	OTO492	Mühendislik tasarımı II			2
	MCT102	Mechatronics workshop practice	3		20
	MCT301	Mechatronics components & instrumentation	3		10
	MCT420	Principles of photovoltaics fuel cells and batteries	3		14
	OTO316	Araç parça ve gövde tasarımı	3		3