

Lect. SEYFETTİN VADİ

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Biography

Seyfettin Vadi received the B.Sc. and M.Sc. degrees in electrical and electronic engineering from Gazi University, Ankara, Turkey, in 2009 and 2014, respectively. In 2017, he started his doctorate education at [Graduate School of Natural and Applied Sciences](#) in Gazi University and continues. He joined the Department of Electronics and Automation, Gazi University, Turkey, in 2012. His current research interests include control and applications of power electronic converters, energy conversion and energy management of renewable sources. Also, He studies in automation application using programmable control. Vadi, who has been an "IEEE Student Member" since 2020, has more than 20 articles and notifications within his fields of study. In addition, he has been involved in 1 national book and 1 international book as an author. There are 3 completed scientific research projects.

Education Information

Doctorate, Gazi University, Fen Bilimleri Enstitüsü, Turkey 2017 - Continues

Post Graduate, Gazi University, Teknik Eğitim Fakültesi, Elektrik Eğitimi Bölümü, Turkey 2009 - 2014

Under Graduate, Gazi University, Teknik Eğitim Fakültesi, Elektrik Eğitimi, Turkey 2005 - 2009

Dissertations

Post Graduate, Senkron motor ile reaktif güç kompanzasyonu benzetimi için web tabanlı bir eğitim aracı, Gazi University, Fen Bilimleri Enstitüsü, 2014

Research Areas

Renewable energy, Electric Motor Drivers, Power Converters, Power Quality

Academic Titles / Tasks

Lecturer, Gazi University, Teknik Bilimler Meslek Yüksekokulu, Elektronik Ve Otomasyon Bölümü, 2012 - Continues

Articles Published in Journals That Entered SCI, SSCI and AHCI Indexes

1. A Review of Control Methods on Suppression of 2 *x_3* Ripple for Single-Phase Quasi-Z-Source Inverter

VADİ S., BAYINDIR R., Hossain E.

IEEE ACCESS, vol.8, pp.42055-42070, 2020 (Journal Indexed in SCI)

II. A Review on Communication Standards and Charging Topologies of V2G and V2H Operation Strategies

VADİ S., BAYINDIR R., Colak A. M. , Hossain E.

ENERGIES, vol.12, no.19, 2019 (Journal Indexed in SCI)

III. A Review on Optimization and Control Methods Used to Provide Transient Stability in Microgrids

VADİ S., Padmanaban S., BAYINDIR R., Blaabjerg F., Mihet-Popa L.

ENERGIES, vol.12, no.18, 2019 (Journal Indexed in SCI)

IV. Real-Time Monitoring and Control of the Parameters of an Induction Motor

BAYINDIR R., VADİ S.

ELEKTRONIKA IR ELEKTROTEHNIKA, vol.19, no.10, pp.145-150, 2013 (Journal Indexed in SCI)

V. COMPUTER BASED IMPLEMENTATION OF SPEED CONTROL EXPERIMENT DEPENDING ON FREQUENCY VARIATION FOR INDUCTION MOTORS

IRMAK E., VADİ S.

JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.26, no.1, pp.57-62, 2011 (Journal Indexed in SCI)

Articles Published in Other Journals

I. Doğru Akım Motoru Kapalı Çevrim Hız Denetim Sistemindeki PİParametrelerinin Genetik ve Parçacık Sürü Algoritması KullanarakOptimizasyonu

VADİ S., BAYINDIR R.

Veri Bilimi, vol.2, no.2, pp.51-60, 2019 (Other Refereed National Journals)

II. A Web-Based Educational Tool For Simulation of Reactive Power Compensation With Synchronous Motor

BAYINDIR R., VADİ S.

JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.20, no.1, pp.61-69, 2017 (Journal Indexed in ESCI)

III. Endüstriyel Alanlarda Kullanılan Veri İletim Tekniklerinin Karşılaştırılması

VADİ S., GÜLER N., BAYINDIR R.

Gazi Üniversitesi Fen Bilimleri Dergisi Part:C, Tasarım Ve Teknoloji, vol.2, no.1, pp.181-188, 2014 (Other Refereed National Journals)

Books & Book Chapters

I. Elektrik Enerjisi Sektöründe Siber Güvenlik

TÜR M. R. , BAYINDIR R., VADİ S.

in: Siber Güvenlik ve Savunma Kitap Serisi 2 Problemler ve Çözümler, Şeref Sağıroğlu, Mustafa Şenol, Editor, HAVELSAN, Ankara, pp.459-478, 2019

II. Elektrik Kumanda Devreleri ve S7 1200 ile PLC Programlama

ÇOLAK İ., BAYINDIR R., VADİ S.

Seçkin Yayıncılık, Ankara, 2018

Refereed Congress / Symposium Publications in Proceedings

I. The Path of the Smart Grid - The New and Improved Power Grid

BAYINDIR R., Hossain E., Vadi S.

3rd International Smart Grid Workshop and Certificate Program (ISGWCP), İstanbul, Turkey, 21 - 25 March 2016,

pp.62-69

II. Implementation of a PLC and OPC based DC motor control laboratory

BAYINDIR R., VADI S., GOKSUCUKUR F.

Power Engineering, Energy and Electrical Drives (POWERENG), 13 - 15 May 2013

III. Monitoring Parameters of Synchronous Motor Via Internet

BAYINDIR R., Vadi S.

1st International Conference on Renewable Energy Research and Applications (ICRERA), Nagasaki, Japan, 11 - 14 November 2012

Supported Projects

BAYINDIR R., VADI S., GÜLER N., Project Supported by Higher Education Institutions, Parçacık Sürü Optimizasyonu Algoritması ile DA Motoru Kapalı Çevrim Hız Denetim Sistemindeki PI Parametrelerinin İyileştirilmesi, 2019 - 2021

Memberships / Tasks in Scientific Organizations

IEEE IES Young Professionals Turkey representative, Member, 2021 - Continues, Turkey

Citations

Total Citations (WOS):29

h-index (WOS):2