

Personal Information

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Education Information

Doctorate, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Eğitimi Anabilim Dalı, Turkey 1997 - 2003

Post Graduate, Kocaeli Üniversitesi, Fen Bilimleri Enstitüsü, Elektrik Eğitimi Anabilim Dalı, Turkey 1994 - 1997

Under Graduate, Kocaeli Üniversitesi, Teknik Eğitim Fakültesi, Elektrik Eğitimi Bölümü, Turkey 1990 - 1994

Academic Titles / Tasks

Assistant Professor, Kocaeli Üniversitesi, Teknoloji Fakültesi, Enerji Sistemleri Mühendisliği Bölümü, 2012 - Continues

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

- **Dynamic energy management for photovoltaic power system including hybrid energy storage in smart grid applications**
Aktas A., Erhan K., Özdemir Ş., Özdemir E.
ENERGY, vol.162, pp.72-82, 2018 (Journal Indexed in SCI)
- **Experimental investigation of a new smart energy management algorithm for a hybrid energy storage system in smart grid applications**
Aktas A., Erhan K., Özdemir Ş., Özdemir E.
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- **Opportunities and challenges for energy storage applications in smart grid**
ÖZDEMİR E., ÖZDEMİR Ş., Erhan K., Aktas A.
JOURNAL OF THE FACULTY OF ENGINEERING AND ARCHITECTURE OF GAZI UNIVERSITY, vol.32, pp.499-506, 2017 (Journal Indexed in SCI)
- **3-Phase 4-leg unified series-parallel active filter system with ultracapacitor energy storage for unbalanced voltage sag mitigation**
UÇAR M., ÖZDEMİR Ş.
INTERNATIONAL JOURNAL OF ELECTRICAL POWER & ENERGY SYSTEMS, vol.49, pp.149-159, 2013 (Journal Indexed in SCI)
- **A unified series-parallel active filter system for nonperiodic disturbances**
UÇAR M., ÖZDEMİR Ş., ÖZDEMİR E.
Turkish Journal of Electrical Engineering and Computer Sciences, vol.19, pp.575-596, 2011 (Journal Indexed in SCI)
- **A four-leg unified series-parallel active filter system for periodic and non-periodic disturbance compensation**
UÇAR M., ÖZDEMİR Ş., ÖZDEMİR E.
ELECTRIC POWER SYSTEMS RESEARCH, vol.81, pp.1132-1143, 2011 (Journal Indexed in SCI)
- **Fundamental-Frequency-Modulated Six-Level Diode-Clamped Multilevel Inverter for Three-Phase Stand-Alone Photovoltaic System**
Özdemir E., Özdemir Ş., Tolbert L. M.
IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, vol.56, pp.4407-4415, 2009 (Journal Indexed in SCI)

Articles Published in Other Journals

- **Modelling and Comparative Analysis of Different Type of Batteries Used for Renewable Energy Support**
Kircicek Y., Aktas A., ÖZDEMİR Ş.
JOURNAL OF POLYTECHNIC-POLITEKNİK DERGISI, vol.20, pp.83-90, 2017 (Journal Indexed in ESCI)

Refereed Congress / Symposium Publications in Proceedings

- **Energy storage technologies opportunities and challenges in smart grids**
ÖZDEMİR E., ÖZDEMİR Ş., Erhan K., Aktas A.
3rd International Smart Grid Workshop and Certificate Program, ISGWCP 2016, İstanbul, Turkey, 21 - 25 Mart 2016
- **A Combined Series-Parallel Active Filter System Implementation Using Generalized Non-Active Power Theory**
UÇAR M., ÖZDEMİR Ş., ÖZDEMİR E.
25th Annual IEEE Applied Power Electronics Conference and Exposition, California, United States Of America, 21 - 25 Şubat 2010, pp.367-373
- **Fundamental frequency modulated multilevel inverter for three-phase stand-alone photovoltaic application**
ÖZDEMİR E., ÖZDEMİR Ş., Tolbert L. M. , Ozpineci B.
23rd Annual IEEE Applied Power Electronics Conference (APEC 2008), Texas, United States Of America, 24 - 28 Şubat 2008, pp.148-149
- **Elimination of harmonics in a five-level diode-clamped multilevel inverter using fundamental modulation**
ÖZDEMİR Ş., ÖZDEMİR E., Tolbert L. M. , Khomfoi S.
7th International Conference on Power Electronics and Drive Systems, PEDS 2007, Bangkok, Thailand, 27 - 30 Kasım 2007, pp.850-854

Citations

Total Citations (WOS):243

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