

## Assoc. Prof. EROL CAN

### Personal Information

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### International Researcher IDs

ORCID: 0000-0003-4677-9753

Yoksis Researcher ID: 16483

### Education Information

Doctorate, Gazi University, Fenbilimleri Enstitüsü, Elektrik Bölümü, Turkey 2011 - 2016

Postgraduate, Karadeniz Technical University, Fen Bilimleri Enstitüsü, Elektrik Elektronik Bölümü, Turkey 2008 - 2010

Undergraduate, Marmara University, Fakülte, Elektrik Eğitimi, Turkey 1998 - 2001

### Foreign Languages

English, C1 Advanced

### Research Areas

Electrical and Electronics Engineering, Aeronautical and Space Engineering, Engineering and Technology

### Academic Titles / Tasks

Associate Professor, Erzincan Binali Yildirim University, Ali Cavit Çelebioğlu Sivil Havacılık Yüksekokulu, Havacılık Elektrik ve Elektronik Bölümü, 2019 - Continues

Assistant Professor, Erzincan Binali Yildirim University, Ali Cavit Çelebioğlu Sivil Havacılık Yüksekokulu, Havacılık Elektrik ve Elektronik Bölümü, 2018 - 2019

Assistant Professor, Erzincan Binali Yildirim University, Ali Cavit Çelebioğlu Sivil Havacılık Yüksekokulu, Uçak Gövdeler Motor Bölümü, 2016 - 2018

Expert, Erzincan Binali Yildirim University, Meslek Yüksekokulu, Elektronik ve Otomasyon Bölümü, 2009 - 2016

### Courses

Topluma Hizmet Uygulamaları, Undergraduate, 2021 - 2022

Bilgisayar, Undergraduate, 2021 - 2022

Bilimsel Araştırma Yöntemleri ve Etik, Postgraduate, 2021 - 2022

İstatistik Uygulamaları, Postgraduate, 2020 - 2021

### Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gümüşhane Üniversitesi,  
December, 2021

Appointment to Academic Staff-Assistant Professorship, Appointment Academic Staff, Gümüşhane Üniversitesi,  
September, 2021

## **Published journal articles indexed by SCI, SSCI, and AHCI**

- I. **Machine Learning-Aided Synthetic Air Data System for Commercial Aircraft**  
Kilic U., Cam O., Can E.  
Journal of Aerospace Engineering, vol.37, no.6, 2024 (SCI-Expanded)
- II. **Torques and the speed vibrations reducing and optimization of asynchronous motor with ECCA-PID controlling in power system**  
Can E.  
Sadhana - Academy Proceedings in Engineering Sciences, vol.49, no.2, 2024 (SCI-Expanded)
- III. **DC-DC converter with multiple inputs and full isolated multi ports charging battery in photovoltaic energy systems**  
Can E.  
Sadhana - Academy Proceedings in Engineering Sciences, vol.49, no.2, 2024 (SCI-Expanded)
- IV. **A new high-frequency multilevel inverter effecting cables weight and energy efficiency of aircraft**  
Can E., Kiliç U.  
Aircraft Engineering and Aerospace Technology, vol.96, no.3, pp.458-464, 2024 (SCI-Expanded)
- V. **Investigation of the effect of the gap at the zero-crossing point of PWMs creating the first level voltage in a multi-level inverter**  
Can E., Sayan H. H.  
JOURNAL OF ENGINEERING RESEARCH, vol.11, pp.100-111, 2023 (SCI-Expanded)
- VI. **A flexible closed-loop (fcl) pid and dynamic fuzzy logic + pid controllers for optimization of dc motor**  
CAN E., Toksoy M. S.  
Journal of Engineering Research (Kuwait), vol.11, no.1, pp.245-257, 2023 (SCI-Expanded)
- VII. **Development of fractional sinus pulse width modulation with  $\beta$  gap on three step signal processing**  
Can E., Sayan H. H.  
International Journal of Electronics, vol.110, no.3, pp.527-546, 2023 (SCI-Expanded)
- VIII. **Variable determined for optimization of alternating energy on the load by the adaptive Taguchi method**  
CAN E.  
Journal of Engineering Research (Kuwait), vol.10, no.4, pp.316-335, 2022 (SCI-Expanded)
- IX. **The levels effect of the voltage generated by an inverter with partial source on distortion**  
Can E.  
INTERNATIONAL JOURNAL OF ELECTRONICS, vol.107, no.9, pp.1414-1435, 2020 (SCI-Expanded)
- X. **The design and experimentation of the new cascaded DC-DC boost converter for renewable energy**  
Can E.  
INTERNATIONAL JOURNAL OF ELECTRONICS, vol.106, pp.1374-1393, 2019 (SCI-Expanded)
- XI. **Fault Determination and Analysis of Complex Switching Structure at Multilevel Inverter**  
CAN E.  
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.26, no.2, pp.398-404, 2019 (SCI-Expanded)
- XII. **Analysis and Performance with Vertical Divided Multilevel Voltage on Phase of Induction Engine**  
CAN E.  
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.25, no.3, pp.687-693, 2018 (SCI-Expanded)
- XIII. **A novel SSPWM controlling inverter running nonlinear device**  
Can E., Sayan H. H.

- ELECTRICAL ENGINEERING, vol.100, pp.39-46, 2018 (SCI-Expanded)
- XIV. **Novel high multilevel inverters investigated on simulation**  
CAN E.  
ELECTRICAL ENGINEERING, vol.99, no.2, pp.633-638, 2017 (SCI-Expanded)
- XV. **THE INCREASING HARMONIC EFFECTS OF SSPWM MULTILEVEL INVERTER CONTROLLING LOAD CURRENTS INVESTIGATED ON MODULATION INDEX**  
Can E., Sayan H. H.  
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.24, pp.397-404, 2017 (SCI-Expanded)
- XVI. **SSPWM THREE PHASE INVERTER DESIGN AND EXPERIMENTED ON UNBALANCED LOADS**  
CAN E., Sayan H. H.  
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.23, no.5, pp.1239-1244, 2016 (SCI-Expanded)
- XVII. **PID AND FUZZY CONTROLLING THREE PHASE ASYNCHRONOUS MACHINE BY LOW LEVEL DC SOURCE THREE PHASE INVERTER**  
CAN E., Sayan H. H.  
TEHNICKI VJESNIK-TECHNICAL GAZETTE, vol.23, no.3, pp.753-760, 2016 (SCI-Expanded)

### Articles Published in Other Journals

- I. **PID Control of Hybrid DC-DC Converter System in Complex Load with Double Reference Time**  
Can E., Gülnahar M.  
TEHNICKI GLASNIK-TECHNICAL JOURNAL, vol.18, no.1, pp.63-72, 2024 (ESCI)
- II. **Ac-Dc multi pulse converter for dc power distribution system in aircraft**  
Can E., Kiliç U.  
INTERNATIONAL JOURNAL OF MODELLING AND SIMULATION, vol.44, no.3, pp.115-125, 2023 (ESCI)
- III. **A Common Capacitor Hybrid Buck-Boost Converter**  
Can E.  
Jordan Journal of Electrical Engineering, vol.9, no.1, pp.71-83, 2023 (Scopus)
- IV. **EXTRA CONTROL COEFFICIENT ADDITIVE ECCA-PID FOR CONTROL OPTIMIZATION OF ELECTRICAL AND MECHANIC SYSTEM**  
CAN E.  
Acta Polytechnica, vol.62, no.5, pp.522-530, 2022 (ESCI)
- V. **The inverter with reverse connected double converter driving unbalanced loads**  
Can E.  
INTERNATIONAL JOURNAL OF MODELLING AND SIMULATION, vol.42, no.2, pp.217-226, 2022 (ESCI)
- VI. **A new multi-level inverter with reverse connected dual dc to dc converter at simulation**  
Can E.  
International Journal of Modelling and Simulation, vol.42, no.1, pp.34-46, 2022 (ESCI)
- VII. **Operation of DC Motor with Multi-Level Inverter in PWAM Method**  
CAN E.  
TECCIENCIA, vol.16, no.30, pp.1-14, 2021 (ESCI)
- VIII. **ENERGY TRANSFORMATION WITHOUT USING FILTER ON HIGH RESISTIVE LOAD**  
Can E.  
ENGINEERING REVIEW, vol.40, no.1, pp.39-47, 2020 (ESCI)
- IX. **Application of Adaptive Neuro-Fuzzy Logic Method of Noised Electrical Signals for Correction**  
CAN E.  
TECCIENCIA, vol.15, no.28, pp.1-13, 2020 (ESCI)
- X. **The Application of Multi-Phase Power Distribution Line with Pure Energy Conversion**  
CAN E.  
JURNAL KEJURUTERAAN, vol.31, no.2, pp.193-199, 2019 (ESCI)
- XI. **The Load Performance of Multi-Level Alternating Voltage Provided by Upgrade Effect**

- CAN E.  
JURNAL KEJURUTERAAN, vol.31, no.2, pp.249-259, 2019 (ESCI)
- XII. **POWER REGULATION BY COUPLE HALF WAVE LPWM RECTIFIER AT THREE-PHASE LOADS**  
Can E.  
TEHNICKI GLASNIK-TECHNICAL JOURNAL, vol.13, pp.184-191, 2019 (ESCI)
- XIII. **PWM CONTROLLING OF A NEW MULTI DC-DC CONVERTER CIRCUIT**  
Can E.  
TEHNICKI GLASNIK-TECHNICAL JOURNAL, vol.13, no.2, pp.116-122, 2019 (ESCI)
- XIV. **MATHEMATICAL ALGORITHM OF FUZZY LOGIC CONTROLLER FOR MULTILEVEL INVERTER CREATING VERTICAL DIVIDED VOLTAGE**  
CAN E.  
ACTA POLYTECHNICA, vol.59, no.1, pp.1-11, 2019 (Peer-Reviewed Journal)
- XV. **THE MODELING AND ANALYSIS OF A POWER TRANSMISSION LINE SUPPLIED BY A SOLAR POWER PLANT**  
Can E.  
TEHNICKI GLASNIK-TECHNICAL JOURNAL, vol.12, pp.124-130, 2018 (ESCI)
- XVI. **DC Motor Controlled by IGBT Switches with Linear Pulse Width Modulation**  
Can E.  
Erzincan University Journal of Science and Technology , vol.10, pp.314-320, 2017 (Peer-Reviewed Journal)
- XVII. **The performance of the DC motor by the PID controlling PWM DC-DC boost converter**  
Can E.  
TEHNICKI GLASNIK-TECHNICAL JOURNAL, vol.11, no.4, pp.182-187, 2017 (ESCI)
- XVIII. **Different Mathematical Model for the Chopper Circuit**  
Can E.  
TEHNICKI GLASNIK-TECHNICAL JOURNAL, vol.10, pp.13-15, 2016 (ESCI)

## Books & Book Chapters

- I. **Aplicações de tensão CA e CC com conversor híbrido CC-CC**  
Can E.  
Edições Nosso Conhecimento, Algueirao-Mem Martins, 2022
- II. **Onduleur à 9 niveaux avec système d'interrupteurs à minuterie pour le réglage des composants de puissance**  
Can E.  
Editions Notre Savoir, Agen, 2022
- III. **9-уровневый инвертор с таймерными переключателями Система регулировки компонентов питания**  
Can E.  
Sciencia Scripts, Achinsk, 2022
- IV. **Wechsel- und Gleichspannungs- anwendungen mit DC-DC-Hybridwandler**  
Can E.  
USER VINSEN, Augsburg, 2022
- V. **Applicazioni di tensione CA e CC con il convertitore ibrido CC-CC**  
Can E.  
SAPIENZA, Agrigento, 2022
- VI. **9-stufiger Wechselrichter mit Zeitschaltersystem zur Anpassung der Leistungskomponenten**  
Can E.  
Verlag Unser Wissen, Bergisch Gladbach, 2022
- VII. **Aplicaciones de tensión alterna y continua con el convertidor híbrido CC-CC**  
Can E.

Ediciones Nuestro Conocimiento, Alacant, 2022

- VIII. **AC and DC Voltage Applications with DC-DC Hybrid Converter**  
Can E.  
Lambert, Berlin, 2022
- IX. **Applications de tension AC et DC avec le convertisseur hybride DC-DC**  
Can E.  
NOTRE SAVOIR, Agen, 2022
- X. **Применение переменного и постоянного напряжения с помощью гибридного преобразователя DC-DC**  
Can E.  
Scienza Scripts, Achinsk, 2022
- XI. **9-LEVEL INVERTER WITH TIMER SWITCHES SYSTEM FOR POWER COMPONENT ADJUST**  
CAN E.  
LAP Lambert Academic Publishing, 2022
- XII. **Application of A New Multi-Level Inverter with Boost Effects**  
CAN E.  
Lap Lambert Academic Publishing, 2018
- XIII. **Microchip Controlling High Frequency Adjustable Three Phase Inverter**  
CAN E., SAYAN H. H.  
LAP LAMBERT Academic Publishing, I, 2017

### **Refereed Congress / Symposium Publications in Proceedings**

- I. **The Applied Mathematical Model For The Multi-Level Dc To Dc Converter**  
Can E.  
Mathematical Studies and Applications, Karaman, Turkey, 20 - 23 July 2018, pp.508-513
- II. **SETTLING OF FUZZY LOGIC CONTROLLING ACCORDING TO ELECTRICAL ANGLE**  
Can E.  
ICMME 2017, Şanlıurfa, Turkey, 13 - 17 April 2017, pp.1-2
- III. **ANALYSIS OF ELECTRICAL MACHINERY WITH INTERIOR VARIABLES**  
Can E.  
International Conference on Mathematics and Mathematics Education (ICMME-2016), 13 - 16 Nisan 2017, Şanlıurfa, Turkey, 13 April 2017, pp.3
- IV. **Multilevel Inverter Topology for Energy Converting**  
Can E.  
International Conference on Mathematics and Mathematics Education, Elazığ, Turkey, 12 - 14 May 2016, pp.442-443
- V. **Step Sinus Pulse Width Modulation Inverter Application**  
Can E.  
International Conference on Mathematics and Mathematics Education (ICMME-2016) , Elazığ, Turkey, 12 May 2016, pp.442
- VI. **ANALYSIS OF ELECTRICAL MACHINERY WITH INTERIOR VARIABLES**  
Can E.  
ICMME-2016 , Elazığ, Turkey, 12 - 14 April 2016, pp.1-2

### **Supported Projects**

Can E., TUBITAK Project, İnsansız Hava Araçları İçin Algılayıcı Arızası Tespiti, Sistemin Yeniden Yapılandırılması Ve İzlenmesi, 2022 - 2023

## Scientific Refereeing

ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, February 2022  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, February 2022  
Current Journal of Applied Science and Technology, Other Indexed Journal, January 2022  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, January 2022  
ARTIFICIAL INTELLIGENCE REVIEW, SCI Journal, December 2021  
INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS, SCI Journal, December 2021  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, December 2021  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, November 2021  
Journal of The Institution of Engineers (India): Series B | Home, Other journals, November 2021  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, November 2021  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, October 2021  
Indonesian Journal of Electrical Engineering and Computer Science, Other Indexed Journal, October 2021  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, September 2021  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, June 2021  
INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS, SCI Journal, June 2021  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, May 2021  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, April 2021  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, April 2021  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, March 2021  
INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS, SCI Journal, March 2021  
INTERNATIONAL JOURNAL OF ELECTRONICS, SCI Journal, March 2021  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, February 2021  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, February 2021  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, February 2021  
INTERNATIONAL JOURNAL OF ELECTRONICS, SCI Journal, February 2021  
INTERNATIONAL JOURNAL OF ELECTRONICS, SCI Journal, January 2021  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, January 2021  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, January 2021  
INTERNATIONAL JOURNAL OF ELECTRONICS, SCI Journal, January 2021  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, December 2020  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, December 2020  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, December 2020  
INTERNATIONAL JOURNAL OF ELECTRONICS, SCI Journal, December 2020  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, November 2020  
TEHNICKI VJESNIK-TECHNICAL GAZETTE, SCI Journal, November 2020  
INTERNATIONAL JOURNAL OF ELECTRONICS, SCI Journal, November 2020  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, November 2020  
INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS, SCI Journal, November 2020  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, October 2020  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, September 2020  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, September 2020  
INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS, SCI Journal, August 2020  
TEHNICKI VJESNIK-TECHNICAL GAZETTE, SCI Journal, August 2020  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, August 2020  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, July 2020  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, July 2020  
INTERNATIONAL JOURNAL OF ELECTRONICS, SCI Journal, June 2020  
IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, SCI Journal, June 2020  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, June 2020

ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, June 2020  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, May 2020  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, May 2020  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, May 2020  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, April 2020  
TEHNICKI VJESNIK-TECHNICAL GAZETTE, SCI Journal, April 2020  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, April 2020  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, March 2020  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, March 2020  
IEEE TRANSACTIONS ON POWER ELECTRONICS, SCI Journal, March 2020  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, February 2020  
INTERNATIONAL JOURNAL OF ELECTRONICS, SCI Journal, February 2020  
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JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, January 2020  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, January 2020  
TEHNICKI VJESNIK-TECHNICAL GAZETTE, SCI Journal, January 2020  
JOURNAL OF ELECTRICAL ENGINEERING & TECHNOLOGY, SCI Journal, January 2020  
IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, SCI Journal, January 2020  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, December 2019  
IEEE TRANSACTIONS ON POWER ELECTRONICS, SCI Journal, November 2019  
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IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, SCI Journal, November 2019  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, October 2019  
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INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS, SCI Journal, August 2019  
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ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, July 2019  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, July 2019  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, June 2019  
INTERNATIONAL JOURNAL OF ELECTRONICS, SCI Journal, June 2019  
INTERNATIONAL JOURNAL OF ELECTRONICS, SCI Journal, May 2019  
IEEE TRANSACTIONS ON INDUSTRIAL ELECTRONICS, SCI Journal, May 2019  
IEEE TRANSACTIONS ON POWER ELECTRONICS, SCI Journal, April 2019  
IEEE TRANSACTIONS ON POWER ELECTRONICS, SCI Journal, April 2019  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, April 2019  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, March 2019  
INTERNATIONAL JOURNAL OF ELECTRONICS, SCI Journal, March 2019  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, February 2019  
INTERNATIONAL TRANSACTIONS ON ELECTRICAL ENERGY SYSTEMS, SCI Journal, February 2019  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, February 2019  
IEEE TRANSACTIONS ON POWER ELECTRONICS, SCI Journal, February 2019  
ELECTRIC POWER SYSTEMS RESEARCH, SCI Journal, January 2019  
ELECTRIC POWER SYSTEM REASERCH, SCI Journal, October 2018  
ELECTRIC POWER SYSTEM REASERCH, SCI Journal, September 2018  
Technical Gazette, SCI Journal, August 2018  
ELECTRIC POWER SYSTEM REASERCH, SCI Journal, July 2018  
INTERNATIONAL JOURNAL OF ELECTRONIC, SCI Journal, July 2018  
INTERNATIONAL JOURNAL OF ELECTRONIC, SCI Journal, June 2018  
ELECTRIC POWER SYSTEM REASERCH, SCI Journal, June 2018  
ELECTRIC POWER SYSTEM REASERCH, SCI Journal, May 2018

INTERNATIONAL JOURNAL OF ELECTRONIC, SCI Journal, May 2018  
Simulation: Transactions of the Society for Modeling and Simulation International, SCI Journal, July 2017  
ELECTRIC POWER SYSTEM RESEARCH, SCI Journal, July 2017  
ELECTRIC POWER SYSTEM RESEARCH, SCI Journal, May 2017  
ELECTRIC POWER SYSTEM RESEARCH, SCI Journal, March 2017  
ELECTRIC POWER SYSTEM RESEARCH, SCI Journal, January 2017  
IEEE Transactions on Industrial Electronics, SCI Journal, December 2016  
Electric Power Systems Research,Elsevier, SCI Journal, December 2016  
ELECTRICAL ENGINEERING,SPRINGER, SCI Journal, November 2016  
Electric Power Systems Research, SCI Journal, November 2016  
Electric Power Systems Research, SCI Journal, November 2016  
Electric Power Systems Research, SCI Journal, October 2016  
Electric Power Systems Research, SCI Journal, September 2016  
Electric Power Systems Research,Elsevier, SCI Journal, August 2016  
Electric Power Systems Research-Elsevier, SCI Journal, July 2016  
Journal of The Institution of Engineers, Other Indexed Journal, July 2016  
Electric Power Systems Research-Elsevier, SCI Journal, June 2016  
Electric Power Systems Research-Elsevier, SCI Journal, May 2016  
Electric Power Systems Research-Elsevier, SCI Journal, November 2015

## **Metrics**

Publication: 54  
Citation (WoS): 225  
Citation (Scopus): 200  
H-Index (WoS): 10  
H-Index (Scopus): 10

## **Awards**

Can E., Akademik Bilim ve Sanat Ödülü, Erzincan Üniversitesi-Ekev, December 2020  
Can E., Akademik Bilim ve Sanat Ödülü, Erzincan Üniversitesi- Ekev, May 2019  
Can E., TÜBİTAK Yayın Teşvik Ödülü, Tübitak, November 2018  
Can E., EKEV Akademik Bilim ve Sanat Ödülü, Erzincan Üniversitesi - Ekev, May 2018  
Can E., Tubitak Yayın Teşvik Ödülü, Tubitak Yayın Teşvik Ödülü, June 2017

## **Non Academic Experience**

BAYBURT MYO