

## Prof. CEBRAİL ÇİFLİKLİ

### Personal Information

**Email:** cebrailc@kayseri.edu.tr

**Web:** <https://avesis.kayseri.edu.tr/cebrailc>

### International Researcher IDs

ScholarID: h4LbvMcAAAAJ

ORCID: 0000-0001-7389-3100

Yoksis Researcher ID: 54718

### Academic Titles / Tasks

Professor, Erciyes University, Kayseri Meslek Yüksekokulu, 2004 - Continues

### Academic and Administrative Experience

University Executive Board Member, Kayseri University, 2018 - Continues

Head of Department, Erciyes University, 2010 - 2019

University Executive Board Member, Erciyes University, 2004 - 2010

### Courses

analog haberleşme, Associate Degree, 2022 - 2023

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

- I. **Studentized Extreme Eigenvalue Based Double Threshold Spectrum Sensing Under Noise Uncertainty**  
Çiflikli C., Ilgın F. Y.  
Tehnicki Vjesnik-Technical Gazette, vol.27, no.2, pp.353-357, 2020 (SCI-Expanded)
- II. **Multiple Antenna Spectrum Sensing Based on GLR Detector in Cognitive Radios**  
Çiflikli C., ILGIN F. Y.  
WIRELESS PERSONAL COMMUNICATIONS, vol.110, no.4, pp.1915-1927, 2020 (SCI-Expanded)
- III. **A model for the visualization and analysis of elevator traffic**  
Çiflikli C.  
Transportation Planning And Technology, vol.42, no.8, pp.868-880, 2019 (SCI-Expanded)
- IV. **Evaluation of Eigenvalue and Block Diagonalization Beamforming Precoding Performance for 5G Technology over Rician Channel**  
Çiflikli C., Al-Obaidi M.  
Tehnicki Vjesnik-Technical Gazette, vol.26, no.2, pp.312-317, 2019 (SCI-Expanded)
- V. **Covariance Based Spectrum Sensing with Studentized Extreme Eigenvalue**  
Çiflikli C.  
Tehnicki Vjesnik-Technical Gazette, vol.25, no.1, pp.100-106, 2018 (SCI-Expanded)
- VI. **Peak-to-Average-Power-Ratio (PAPR) Reduction Methods with Wavelet Transform in MIMO-OFDM**  
Toren M., Ciflikli C.

IETE JOURNAL OF RESEARCH, vol.64, pp.415-421, 2018 (SCI-Expanded)

- VII. **Comparison of Reduction Methods for Peak-to-Average-Power-Ratio (PAPR) in MIMO-OFDM Systems with a New Approach**

Çiflikli C., Toren M.

Acta Physica Polonica A, vol.130, no.1, pp.417-421, 2016 (SCI-Expanded)

- VIII. **An OFDM throughput analysis for cognitive radio application in contiguous or noncontiguous TV white spaces**

Ciflikli C., Tuncer A. T., Ozturk Y.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.23, pp.885-899, 2015 (SCI-Expanded)

- IX. **Data mining for quality improvement**

ÇİFLİKLİ C., KAHYA ÖZYİRMİDOKUZ E.

INDUSTRIAL MANAGEMENT & DATA SYSTEMS, 2012 (SCI-Expanded)

- X. **Data Mining For Quality Improvement**

Çiflikli C., Kahya Özyirmidokuz E.

Management Learning, vol.21, no.3, pp.212-216, 2012 (SSCI)

- XI. **Enhancing product quality of a process**

Ciflikli C., Kahya-Ozyirmidokuz E.

INDUSTRIAL MANAGEMENT & DATA SYSTEMS, vol.112, pp.1181-1200, 2012 (SCI-Expanded)

- XII. **Packet traffic features of IPv6 and IPv4 protocol traffic**

Ciflikli C., Gezer A., Özşahin A. T.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.20, no.5, pp.727-749, 2012 (SCI-Expanded)

- XIII. **Self similarity analysis via fractional Fourier transform**

Ciflikli C., Gezer A.

SIMULATION MODELLING PRACTICE AND THEORY, vol.19, no.3, pp.986-995, 2011 (SCI-Expanded)

- XIV. **Implementing a data mining solution for enhancing carpet manufacturing productivity**

Ciflikli C., Kahya-Ozyirmidokuz E.

KNOWLEDGE-BASED SYSTEMS, vol.23, no.8, pp.783-788, 2010 (SCI-Expanded)

- XV. **BitTorrent packet traffic features over IPv6 and IPv4**

Ciflikli C., Gezer A., ÖZŞAHİN A. T., Ozkasap O.

SIMULATION MODELLING PRACTICE AND THEORY, vol.18, no.9, pp.1214-1224, 2010 (SCI-Expanded)

- XVI. **Comparison of Daubechies wavelets for Hurst parameter estimation**

Ciftlikli C., Gezer A.

TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.18, no.1, pp.117-128, 2010 (SCI-Expanded)

- XVII. **Artificial Neural Network Channel Estimation Based on Levenberg-Marquardt for OFDM Systems**

Ciflikli C., Ozsahin A. T., Yapici A. C.

WIRELESS PERSONAL COMMUNICATIONS, vol.51, no.2, pp.221-229, 2009 (SCI-Expanded)

- XVIII. **Genetic algorithm optimization of a hybrid analog/digital predistorter for RF power amplifiers**

Ciflikli C., Yapici A. C.

ANALOG INTEGRATED CIRCUITS AND SIGNAL PROCESSING, vol.52, pp.25-30, 2007 (SCI-Expanded)

- XIX. **Generalized neural method for shaping the exponential chip weighting waveforms in direct sequence CDMA systems**

Develi I., Kalinli A., Ciftlikli C.

FREQUENZ, vol.60, pp.60-64, 2006 (SCI-Expanded)

- XX. **An improved formula obtained by simulated annealing for the computation of maximum SINR for DS-CDMA receiver with exponentially weighted despreading function**

Ciftlikli C., Kalinli A., Develi I.

EUROPEAN TRANSACTIONS ON TELECOMMUNICATIONS, vol.17, pp.143-150, 2006 (SCI-Expanded)

- XXI. **A plausible approach to determine most suitable spreading codes for a direct-sequence CDMA**

## system

Çiflikli C., Develi I.

Kuwait Journal Of Science, vol.31, no.2, pp.235-259, 2004 (SCI-Expanded)

- XXII. **Computation of the tuning values of exponential chip weighting waveforms for DS-CDMA communications over AWGN channels**

Develi I., Ciftlikli C.

IEE PROCEEDINGS-COMMUNICATIONS, vol.151, pp.132-136, 2004 (SCI-Expanded)

- XXIII. **On the use of neural network-based determination of weighted despreading sequences for a DS/CDMA system**

Çiflikli C., Develi I.

Engineering Intelligent Systems For Electrical Engineering And Communications, vol.11, no.3, pp.157-161, 2003 (SCI-Expanded)

- XXIV. **A simple method for calculating the SINR in DS-CDMA systems with despreading sequences weighted by stepping chip waveforms**

Develi I., Ciftlikli C., Kalinli A.

CANADIAN JOURNAL OF ELECTRICAL AND COMPUTER ENGINEERING-REVUE CANADIENNE DE GENIE

ELECTRIQUE ET INFORMATIQUE, vol.28, pp.163-167, 2003 (SCI-Expanded)

- XXV. **A simple and useful approach for the determination process of the weighted despreading sequences in a DS-CDMA system**

Ciftlikli C., Develi I.

EUROPEAN TRANSACTIONS ON TELECOMMUNICATIONS, vol.14, pp.361-366, 2003 (SCI-Expanded)

- XXVI. **FOCUSING FOR LASER HOLE DRILLING**

Çiflikli C.

Optics And Lasers In Engineering, vol.18, no.5, pp.349-369, 1993 (SCI-Expanded)

- XXVII. **Study of some characteristics of the plasma generated during a CO2 laser beam cutting process**

Danışman K., Yilbas B., Gorur A., Davies R., Ciftlikli C., Yilbas Z., Begh F.

Optics and Laser Technology, vol.24, pp.33-38, 1992 (SCI-Expanded)

## Articles Published in Other Journals

- I. **Sequential Decision Making for Elevator Control**

Tartan E. O., ÇİFLİKLİ C.

JOURNAL OF ADVANCES IN INFORMATION TECHNOLOGY, vol.14, no.5, pp.1124-1131, 2023 (ESCI)

- II. **Cooperative OSIC System to Exploit the Leakage Power of MU-MIMO Beamforming based on Maximum SLR for 5G**

Ciftlikli C., Al-Obaidi M., Fadhil M., Al-Obaidi W.

INFOCOMMUNICATIONS JOURNAL, vol.11, no.3, pp.13-20, 2019 (ESCI)

- III. **Combining Alamouti STBC with Block Diagonalization for Downlink MU-MIMO System over Rician Channel for 5G**

Çiflikli C., Al-Obaidi M.

INFOCOMMUNICATIONS JOURNAL, vol.11, no.1, pp.22-28, 2019 (ESCI)

- IV. **MINING EMPLOYEE EFFICIENCY IN MANUFACTURING**

KAHYA ÖZYİRMİDOKUZ E., ÇİFLİKLİ C.

Revista Economica, vol.66, no.2, pp.30-40, 2014 (Peer-Reviewed Journal)

- V. **BİLGİ KEŞFİ SÜRECİNDE BULANIK GÖZATIM UYGULAMASI**

ÇİFLİKLİ C., Nakip M., KAHYA ÖZYİRMİDOKUZ E.

ERCİYES ÜNİVERSİTESİ SOSYAL BİLİMLER ENSTİTÜ DERGİSİ, vol.23, pp.75-93, 2007 (Peer-Reviewed Journal)

## Refereed Congress / Symposium Publications in Proceedings

- I. **Elevator Parking Approach in Nearest Car Method**  
Çiflikli C., Tartan E.  
Signal Processing and Communications Applications Conference, İzmir, Turkey, 02 May 2018, pp.112-116
- II. **A Genetic Algorithm Based Elevator Dispatching Method For Waiting Time Optimization**  
Tartan E. O., Çiftlikli C.  
14th IFAC Symposium on Control in Transportation Systems (CTS), İstanbul, Turkey, 18 - 20 May 2016, vol.49, pp.424-429
- III. **Realization of Carrier Interferometry OFDM Systems by Wavelet Transform**  
Çiflikli C., Yazlık B.  
2015 INTERNATIONAL CONFERENCE ON APPLIED MECHANICS AND MECHATRONICS ENGINEERING (AMME 2015), Bangkok, Thailand, 25 - 26 November 2015, pp.456-463
- IV. **Yapısal olmayan kalite kontrol dökümanlarından anahtar kelime çıkarımı**  
KAHYA ÖZYİRMİDOKUZ E., ÇİFLİKLİ C.  
3. Kayseri Sempozyumu, Kayseri, Turkey, 24 April 2014, pp.415-424
- V. **Characterization of Network Traffic Data: A Data Preprocessing and Data Mining Application**  
KAHYA ÖZYİRMİDOKUZ E., GEZER A., ÇİFLİKLİ C.  
DATA ANALYTICS 2012, Spain, 01 August 2012
- VI. **Knowledge extraction from a carpet manufacturing process**  
ÇİFLİKLİ C., KAHYA ÖZYİRMİDOKUZ E.  
International Symposium on Innovations in Intelligent Systems and Applications, Turkey, 01 June 2010
- VII. **A data mining application in carpet manufacturing**  
ÇİFLİKLİ C., KAHYA ÖZYİRMİDOKUZ E.  
International Symposium on Innovations in Intelligent Systems and Applications, Turkey, 01 June 2009
- VIII. **REDUCING THE INTERMODULATION DISTORTION IN OFDM SYSTEMS BY FEEDFORWARD LINEARIZATION TECHNIQUE**  
Çiflikli C., Yapici A.  
EUROCON 2009: INTERNATIONAL IEEE CONFERENCE DEVOTED TO THE 150 ANNIVERSARY OF ALEXANDER S. POPOV,, Sankt-Peterburg, Russia, 18 May 2009, pp.231-235
- IX. **A data mining application in carpet manufacturing industry to determine employee inefficiency**  
ÇİFLİKLİ C., KAHYA ÖZYİRMİDOKUZ E.  
6th international symposium on Intelligent manufacturing systems, Turkey, 01 October 2008
- X. **Increasing the minimum Euclidean distance in combined trellis coding by using genetic algorithms**  
Çiflikli C., Develi I., Ozsahin T.  
IEEE 12th Signal Processing and Communications Applications Conference, Aydın, Turkey, 28 April 2004, pp.549-551
- XI. **Determination of most appropriate spreading sequences for a DS/CDMA system by using a modified approach**  
Ciftlikli C., Develi I., Cetinkaya B.  
11th IEEE Mediterranean Electrotechnical Conference (IEEE MELECON 2002), Cairo, Egypt, 7 - 09 May 2002, pp.16-20
- XII. **USE OF A FIBER OPTIC PROBE DURING CO2-LASER DRILLING**  
Yilbas B., Sahin A., Ciftlikli C.  
2nd International Symposium on Measurement Technology and Intelligent Instruments, Wuhan, China, 29 October - 05 November 1993, vol.2101, pp.1408-1413
- XIII. **MEASUREMENT OF VARIATION IN OPTICAL-PROPERTIES OF FIBER OPTIC CABLES - PRODUCED BY HESFIBEL - SUBJECTED TO MECHANICAL BENDING**  
GORUR A., CİFTLİKLİ C., YILBAS B., SAHİN A.  
2nd International Symposium on Measurement Technology and Intelligent Instruments, Wuhan, China, 29 October - 05 November 1993, vol.2101, pp.774-781

**XIV. OPTIMIZATION OF PULSED LASER POWER-SUPPLY SYSTEM**

Alcı M., Yilbas B., Danisman K., Ciftlikli C., Altuner M.

3RD CONF ON PULSE POWER FOR LASERS, Los-Angeles, Chile, 24 - 25 January 1991, vol.1411, pp.100-106

**XV. OPTIMIZATION OF AFFECTING PARAMETERS IN RELATION TO PULSED CO<sub>2</sub>-LASER DESIGN**

Danisman K., Yilbas B., Altuner M., Ciftlikli C.

CONF ON GAS AND METAL VAPOR LASERS AND APPLICATIONS, Los-Angeles, Chile, 22 - 23 January 1991, vol.1412, pp.218-226

## **Other Publications**

**I. A pre-processing application for efficient data mining with attribute relevance analysis**

ÇİFTLİKLİ C., KAHYA ÖZYİRMİDOKUZ E.

Other, 2008

## **Metrics**

Publication: 50

Citation (WoS): 96

Citation (Scopus): 156

H-Index (WoS): 6

H-Index (Scopus): 8

## **Non Academic Experience**

Erciyes Üniversitesi