# Prof. ÇAĞATAY CANDAN

## Personal Information

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**International Researcher IDs**
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## Biography

Cagatay Candan is a professor at the Department of Electrical & Electronics Engineering of Middle East Technical University, Ankara, Turkey. He received his B.S., M.S., and Ph.D. degrees, all in electrical engineering, from Middle East Technical University, Ankara, Turkey (1996), Bilkent University, Ankara, Turkey (1998) and Georgia Institute of Technology, Atlanta, USA (2004), respectively. His research interests include statistical signal processing and its applications in array signal processing, radar signal processing and communications.

## Education Information

Doctorate, Georgia Institute of Technology, College Of Engineering, Electrical And Computer Engineering Department, United States Of America 1998 - 2004
Postgraduate, Ihsan Dogramaci Bilkent University, Faculty Of Engıneerıng, Elektrik-Elektronik Mühendisliği , Turkey 1996 - 1998
Undergraduate, Middle East Technical University, Odtu Muhendıslık Fakultesı Ankara Kampusu, Elektrik-Elektronik Mühendisliği Bölümü, Turkey 1992 - 1996

## Foreign Languages

English, C1 Advanced

## Research Areas

Electrical and Electronics Engineering, Engineering and Technology

## Academic Titles / Tasks

Professor, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics Engineering, 2015 - Continues
Associate Professor, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics

Engineering, 2010 - 2015
Assistant Professor, Middle East Technical University, Faculty of Engineering, Department of Electrical and Electronics Engineering, 2004 - 2010

## Advising Theses

Candan Ç., Orguner U., Performance prediction of implicitly defined estimators of non-random parameters, Doctorate, E.MEHMETCİK(Student), 2023
Candan Ç., AN EFFICIENT METHOD FOR FUNDAMENTAL FREQUENCY ESTIMATION OF PERIODIC SIGNALS WITH HARMONICS, Postgraduate, U.ÇELEBİ(Student), 2020
Candan Ç., Koç S. S., Low velocity moving target detection with synthetic aperture radar, Postgraduate, G.NARİN(Student), 2019
CANDAN Ç., Methods for source localization from time difference of arrival measurements and their performance improvement in ill-conditioned cases, Postgraduate, N.ÇELENK(Student), 2018
CANDAN Ç., Joint precoder and decoder design in multiuser downlink MIMO communications for common, private and common+private information transmission, Postgraduate, U.EZGİ(Student), 2017
CANDAN Ç., KOÇ S. S., Subspace based radar signal processing methods for array tapering and sidelobe blanking, Postgraduate, D.DİNLER(Student), 2017
CANDAN Ç., Optimal multiple hypothesis testing with an application in side lobe blanker design and invariance applications in detection and synchronization, Doctorate, O.COŞKUN(Student), 2017
CANDAN Ç., Classification of human motion using radar micro-doppler signatures with hidden markov models, Postgraduate, M.ONUR(Student), 2016
CANDAN Ç., A comparison of sparse signal recovery and approximate bayesian inference methods for sparse channel estimation, Postgraduate, A.UÇAR(Student), 2015
CANDAN Ç., Dimension reduced robust beamforming for towed arrays, Postgraduate, E.TOPÇU(Student), 2015
CANDAN Ç., Application of F-test method on model order selection and related problems, Postgraduate, A.YAZAR(Student), 2015
CANDAN Ç., KOÇ S. S., The application of micro doppler features in target classification, Postgraduate, Ö.TOPUZ(Student), 2014
CANDAN Ç., Radar resource management techniques for multi-function phased array radars /, Postgraduate, Ö.ÇAYIR(Student), 2014
CANDAN Ç., Design of moving target indication filters with non-uniform pulse repetition intervals, Postgraduate, M.İSPİR(Student), 2013
CANDAN Ç., ÇİLOĞLU T., MEMS sensor based underwater AHRS (Attitude and Heading Reference System) aided by compass and pressure sensor, Postgraduate, M.ERÇİN(Student), 2012
CANDAN Ç., ÇİLOĞLU T., Speech enhancement utilizing phase continuity between consecutive analysis windows, Postgraduate, E.MEHMETCİK(Student), 2011
CANDAN Ç., Energy-efficient packet size optimization for cognitive radio sensor networks, Postgraduate, M.Can(Student), 2011
CANDAN Ç., ÇİLOĞLU T., A sequential classification algorithm for autoregressive processes, Postgraduate, G.OTLU(Student), 2011
CANDAN Ç., Energy-efficient packet size optimizaiton for cognitive radio sensor networks, Postgraduate, M.CAN(Student), 2011
CANDAN Ç., On the detection of sinusoidal signals under sinusoidal interference, Postgraduate, B.BALCI(Student), 2010
CANDAN Ç., An overview of detection in MIMO radar, Postgraduate, Ş.BİLGİ(Student), 2010
ÇİLOĞLU T., CANDAN Ç., CFAR processing with multiple exponential smoothers for nonhomogeneous environments, Postgraduate, B.GÜRAKAN(Student), 2010
CANDAN Ç., Frequency invariant beamforming and its application to wideband direction of arrival estimation, Postgraduate, E.BABATAŞ(Student), 2008
CANDAN Ç., Joint frequency offset and channel estimation, Postgraduate, M.AVAN(Student), 2008

YILMAZ A. Ö., CANDAN Ç., A study of precoding schemes for OFDM systems, Postgraduate, F.SELCEN(Student), 2008
CANDAN Ç., Cluster based user scheduling schemes to exploit multiuser diversity in wireless broadcast channels, Postgraduate, Y.SOYDAN(Student), 2008
CANDAN Ç., Multiuser receivers for CDMA downlink, Postgraduate, Ö.AGAH(Student), 2008
CANDAN Ç., An implementation and algorithm development for UWB through the wall imaging system, Postgraduate, K.KAŞAK(Student), 2007
CANDAN Ç., Downlink transmission techniques for multi user multi input multi output wireless communications, Postgraduate, A.COŞKUN(Student), 2007
CANDAN Ç., An image encryption algorithm robust to post-encryption bitrate conversion, Postgraduate, S.BAHAETTİN(Student), 2006
CANDAN Ç., An examination of super resolution methods, Postgraduate, Y.BARIŞ(Student), 2006

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

I. **Covariance Matrix Estimation of Texture Correlated Compound-Gaussian Vectors for Adaptive Radar Detection**
CANDAN Ç., Pascal F.
IEEE Transactions on Aerospace and Electronic Systems, vol.59, no.3, pp.3009-3020, 2023 (SCI-Expanded)

II. **An Approximate MSE Expression for Maximum Likelihood and Other Implicitly Defined Estimators of Non-Random Parameters**
Mehmetcik E., ORGUNER U., CANDAN Ç.
SIGNAL PROCESSING, vol.204, 2023 (SCI-Expanded)

III. **Maximum likelihood autoregressive model parameter estimation with noise corrupted independent snapshots**
ÇAYIR Ö., CANDAN Ç.
Signal Processing, vol.186, 2021 (SCI-Expanded)

IV. **Frequency estimation of a single real-valued sinusoid: An invariant function approach**
Candan Ç., Çelebi U.
Signal Processing, vol.185, 2021 (SCI-Expanded)

V. **Maximum-likelihood direction of arrival estimation under intermittent jamming**
Bilgi Akdemir Ş., CANDAN Ç.
Digital Signal Processing: A Review Journal, vol.113, 2021 (SCI-Expanded)

VI. **Proper Definition and Handling of Dirac Delta Functions [Lecture Notes]**
CANDAN Ç.
IEEE Signal Processing Magazine, vol.38, no.3, pp.186-203, 2021 (SCI-Expanded)

VII. **A Space-Time Coded Mills Cross MIMO Architecture to Improve DOA Estimation and Its Performance Evaluation by Field Experiments**
Ungan C. U., CANDAN Ç., ÇİLOĞLU T.
IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, vol.56, no.3, pp.1807-1818, 2020 (SCI-Expanded)

VIII. **Transmit beamformer design with a PAPR constraint to trade-off between beampattern shape and power efficiency**
ÇAYIR Ö., CANDAN Ç.
DIGITAL SIGNAL PROCESSING, vol.99, 2020 (SCI-Expanded)

IX. **Chebyshev Center Computation on Probability Simplex With alpha-Divergence Measure**
CANDAN Ç.
IEEE SIGNAL PROCESSING LETTERS, vol.27, pp.1515-1519, 2020 (SCI-Expanded)

X. **Making linear prediction perform like maximum likelihood in Gaussian autoregressive model parameter estimation**
CANDAN Ç.

SIGNAL PROCESSING, vol.166, 2020 (SCI-Expanded)

XI. **Properly Handling Complex Differentiation in Optimization and Approximation Problems**
CANDAN Ç.
IEEE SIGNAL PROCESSING MAGAZINE, vol.36, no.2, pp.117-124, 2019 (SCI-Expanded)

XII. **Performance Improvement of Time-Balance Radar Schedulers Through Decision Policies**
ÇAYIR Ö., CANDAN Ç.
IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, vol.54, no.4, pp.1679-1691, 2018 (SCI-Expanded)

XIII. **Design of Maisel sidelobe blankers with a guarantee on the gap to optimality**
COŞKUN O., CANDAN Ç.
IET RADAR SONAR AND NAVIGATION, vol.10, no.9, pp.1619-1626, 2016 (SCI-Expanded)

XIV. **On the design of staggered moving target indicator filters**
ISPIR M., CANDAN Ç.
IET RADAR SONAR AND NAVIGATION, vol.10, no.1, pp.205-215, 2016 (SCI-Expanded)

XV. **Fine resolution frequency estimation from three DFT samples: Case of windowed data**
Candan C.
SIGNAL PROCESSING, vol.114, pp.245-250, 2015 (SCI-Expanded)

XVI. **Direction finding accuracy of sequential lobing under target amplitude fluctuations**
CANDAN Ç., KOC S.
IET RADAR SONAR AND NAVIGATION, vol.9, no.1, pp.92-103, 2015 (SCI-Expanded)

XVII. **A fine-resolution frequency estimator using an arbitrary number of DFT coefficients**
ORGUNER U., CANDAN Ç.
SIGNAL PROCESSING, vol.105, pp.17-21, 2014 (SCI-Expanded)

XVIII. **A unified framework for derivation and implementation of Savitzky-Golay filters**
CANDAN Ç., Inan H.
SIGNAL PROCESSING, vol.104, pp.203-211, 2014 (SCI-Expanded)

XIX. **The moment function for the ratio of correlated generalized gamma variables**
CANDAN Ç., Orguner U.
STATISTICS & PROBABILITY LETTERS, vol.83, no.10, pp.2353-2356, 2013 (SCI-Expanded)

XX. **Analysis and Further Improvement of Fine Resolution Frequency Estimation Method From Three DFT Samples**
Candan C.
IEEE SIGNAL PROCESSING LETTERS, vol.20, no.9, pp.913-916, 2013 (SCI-Expanded)

XXI. **An Upper Bound on the Capacity Loss Due to Imprecise Channel State Information for General Memoryless Fading Channels**
Candan C.
IEEE COMMUNICATIONS LETTERS, vol.17, no.7, pp.1348-1351, 2013 (SCI-Expanded)

XXII. **Capacity of Zero-Outage Scheme Under Imprecise Channel State Information**
Candan C.
IEEE COMMUNICATIONS LETTERS, vol.17, no.1, pp.127-130, 2013 (SCI-Expanded)

XXIII. **A Low Complexity Two-Stage Target Detection Scheme for Resource Limited Radar Systems**
Candan C.
IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, vol.49, no.1, pp.594-601, 2013 (SCI-Expanded)

XXIV. **Conjugate directions based order recursive implementation of post-Doppler adaptive target detectors**
CANDAN Ç., EROL Y. B.
IET RADAR SONAR AND NAVIGATION, vol.6, no.7, pp.577-586, 2012 (SCI-Expanded)

XXV. **CFAR processing with switching exponential smoothers for nonhomogeneous environments**
GURAKAN B., CANDAN Ç., ÇİLOĞLU T.
DIGITAL SIGNAL PROCESSING, vol.22, no.3, pp.407-416, 2012 (SCI-Expanded)

XXVI. **An Accurate and Efficient Two-Stage Channel Estimation Method Utilizing Training Sequences with**

**Closed Form Expressions**
Candan C.
IEEE TRANSACTIONS ON COMMUNICATIONS, vol.59, no.12, pp.3259-3264, 2011 (SCI-Expanded)

XXVII. **Digital Wideband Integrators With Matching Phase and Arbitrarily Accurate Magnitude Response**
Candan C.
IEEE TRANSACTIONS ON CIRCUITS AND SYSTEMS II-EXPRESS BRIEFS, vol.58, no.9, pp.610-614, 2011 (SCI-Expanded)

XXVIII. **A Method For Fine Resolution Frequency Estimation From Three DFT Samples**
Candan C.
IEEE SIGNAL PROCESSING LETTERS, vol.18, no.6, pp.351-354, 2011 (SCI-Expanded)

XXIX. **On the Eigenstructure of DFT Matrices**
CANDAN Ç.
IEEE SIGNAL PROCESSING MAGAZINE, vol.28, no.2, pp.105-108, 2011 (SCI-Expanded)

XXX. **Transmit Precoding for Flat-Fading MIMO Multiuser Systems With Maximum Ratio Combining Receivers**
Coskun A., CANDAN Ç.
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, vol.60, no.2, pp.710-716, 2011 (SCI-Expanded)

XXXI. **A Feedback Quantization Scheme Leveraging Fairness and Throughput for Heterogeneous Multi-User Diversity Systems**
SOYDAN Y., CANDAN Ç.
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, vol.59, no.5, pp.2610-2614, 2010 (SCI-Expanded)

XXXII. **Efficient Methods of Clutter Suppression for Coexisting Land and Weather Clutter Systems**
CANDAN Ç., YILMAZ A. Ö.
IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, vol.45, no.4, pp.1641-1650, 2009 (SCI-Expanded)

XXXIII. **Digital computation of linear canonical transforms**
Koc A., Ozaktas H. M., CANDAN Ç., KUTAY M. A.
IEEE TRANSACTIONS ON SIGNAL PROCESSING, vol.56, no.6, pp.2383-2394, 2008 (SCI-Expanded)

XXXIV. **On higher order approximations for hermite-gaussian functions and discrete fractional Fourier transforms**
Candan C.
IEEE SIGNAL PROCESSING LETTERS, vol.14, no.10, pp.699-702, 2007 (SCI-Expanded)

XXXV. **An efficient filtering structure for Lagrange interpolation**
Candan C.
IEEE SIGNAL PROCESSING LETTERS, vol.14, no.1, pp.17-19, 2007 (SCI-Expanded)

XXXVI. **Derivation of length extension formulas for complementary sets of sequences using orthogonal filterbanks**
Candan C.
ELECTRONICS LETTERS, vol.42, no.24, pp.1427-1429, 2006 (SCI-Expanded)

XXXVII. **Sampling and series expansion theorems for fractional Fourier and other transforms**
Candan C., OZAKTAS H.
SIGNAL PROCESSING, vol.83, no.11, pp.2455-2457, 2003 (SCI-Expanded)

XXXVIII. **The discrete fractional Fourier transform**
Candan C., KUTAY M. A., OZAKTAS H.
IEEE TRANSACTIONS ON SIGNAL PROCESSING, vol.48, no.5, pp.1329-1337, 2000 (SCI-Expanded)

XXXIX. **The discrete harmonic oscillator, Harper's equation, and the discrete fractional Fourier transform**
BARKER L., Candan C., HAKIOGLU T., KUTAY M., OZAKTAS H.
JOURNAL OF PHYSICS A-MATHEMATICAL AND GENERAL, vol.33, no.11, pp.2209-2222, 2000 (SCI-Expanded)

XL. **Space-bandwidth-efficient realizations of linear systems**
KUTAY M., ERDEN M., OZAKTAS H., ARIKAN O., GULERYUZ O., Candan C.
OPTICS LETTERS, vol.23, no.14, pp.1069-1071, 1998 (SCI-Expanded)

## Refereed Congress / Symposium Publications in Proceedings

I. **Parameter Estimation for Bursty-Intermittent Observations Patlamali-Kesikli Gozlemler icin Parametre Kestirimi**
Cagatay Candan Ç.
28th Signal Processing and Communications Applications Conference, SIU 2020, Gaziantep, Turkey, 5 - 07 October 2020

II. **A Computationally Efficient Fine Frequency Estimation Method for Harmonic Signals Harmonik Isaretlerin Hassas Frekans Kestirimi Icin Dusuk Islem Yuklu Bir Yontem**
Çelebi U., Candan Ç.
28th Signal Processing and Communications Applications Conference, SIU 2020, Gaziantep, Turkey, 5 - 07 October 2020

III. **Slow moving target detection for airborne radar systems by dynamic programming on SAR images**
Gurer G., Koc S., Candan Ç., Orguner U.
2019 IEEE Radar Conference, RadarConf 2019, Massachusetts, United States Of America, 22 - 26 April 2019

IV. **A low-complexity precoder-decoder design in multiuser downlink MIMO communication systems for common and private information transmission Ortak ve Özel Bilginin Gönderildiği Çok Kullanicili ąsaği Bağlantili MIMO Haberleşme Sistemlerinde Düsük Karmąsiklikli Bir Ön Kodlayici ve Kod Çözücü Tasarimi**
Deniz U. E., Candan Ç.
26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Turkey, 2 - 05 May 2018, pp.1-4

V. **Study of angle of arrival estimation performance of MVDR and Capon methods under intermittent interference Kesikli kariştirma durumunda MVDR ve capon yöntemlerinin geliş açisi kestirim performansinin incelenmesi**
Akdemir S. B., Candan Ç.
26th IEEE Signal Processing and Communications Applications Conference, SIU 2018, İzmir, Turkey, 2 - 05 May 2018, pp.1-4

VI. **A Study on the Performance of a Complementary Auxiliary Antenna Pattern for Maisel Sidelobe Blanker**
DINLER D., CANDAN Ç., KOC S.
IEEE Radar Conference, Oklahoma, United States Of America, 23 - 27 April 2018, pp.1178-1182

VII. **On the Impact of Fast-Time and Slow-Time Preprocessing Operations on Adaptive Target Detectors**
GÜVENSEN G. M., CANDAN Ç.
IEEE Radar Conference, Oklahoma, United States Of America, 23 - 27 April 2018, pp.1183-1188

VIII. **An investigation of least squares based methods for source localization from time difference of arrival measurements Variş Zaman Farki Ölçümleri ile Kaynak Konumlandirmada En Küçük Kareler Temelli Yötemlerin İncelenmesi**
Celenk N., Candan Ç.
25th Signal Processing and Communications Applications Conference, SIU 2017, Antalya, Turkey, 15 - 18 May 2017

IX. **Classification of Human Motion Using Radar Micro-Doppler Signatures with Hidden Markov Models**
PADAR M. O., ERTAN A. E., CANDAN Ç.
IEEE Radar Conference (RadarConf), Pennsylvania, United States Of America, 2 - 06 May 2016, pp.718-723

X. **On The Optimality of Maisel Sidelobe Blanking System**
Coskun O., CANDAN Ç.
23nd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.585-591

XI. **Analysis Window Length Selection For Linear Signal Models**
Yazar A., CANDAN Ç.
23nd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1301-1304

XII. **Removing Grating Lobes in Sparse Sensor Arrays with a Nonlinear Approach**
Epcacan E., ÇİLOĞLU T., CANDAN Ç., Mehmetcik E.
23nd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015, pp.1950-1953

XIII. **On Generalized Eigenvector Space For Target Detection in Reduced Dimensions**
GÜVENSEN G. M., CANDAN Ç., Koc S., ORGUNER U.
IEEE International Radar Conference (RadarCon), Virginia, United States Of America, 10 - 15 May 2015, pp.1316-1321

XIV. **The Radar Application of Micro Doppler Features from Human Motions**
ALEMDAROGLU O. T., CANDAN Ç., Koc S.
IEEE International Radar Conference (RadarCon), Virginia, United States Of America, 10 - 15 May 2015, pp.374-379

XV. **On The Optimality of Maisel Sidelobe Blanking Structure**
COŞKUN O., CANDAN Ç.
IEEE Radar Conference - From Sensing to Information, Ohio, United States Of America, 19 - 23 May 2014, pp.1102-1107

XVI. **The Extraction of Micro-Doppler Features from Human Motions**
Alemdaroglu O. T., CANDAN Ç., KOÇ S. S.
22nd IEEE Signal Processing and Communications Applications Conference (SIU), Trabzon, Turkey, 23 - 25 April 2014, pp.726-729

XVII. **Least Square and Min-Max Design of MTI Filters With Nonuniform Interpulse Periods**
ISPIR M., CANDAN Ç.
IEEE Radar Conference (RADAR), Ottawa, Canada, 29 April - 03 May 2013

XVIII. **Min-Max Design of MTI Filters with Non-uniform Pulse Repetition Intervals**
Ispir M., CANDAN Ç.
21st Signal Processing and Communications Applications Conference (SIU), CYPRUS, 24 - 26 April 2013

XIX. **Beamspace Approach for Detection of the Number of Coherent Sources**
CANDAN Ç., Koc S.
IEEE Radar Conference (RADAR), Georgia, United States Of America, 7 - 11 May 2012

XX. **On The Design of Mismatched Filters With An Adjustable Matched Filtering Loss**
Candan C.
2010 IEEE Radar Conference, Washington, Kiribati, 10 - 14 May 2010, pp.1311-1316

XXI. **On the Optimality of Detectors Defined Over The Ambiguity Plane**
Candan C.
2009 IEEE Radar Conference, California, United States Of America, 4 - 08 May 2009, pp.1082-1086

XXII. **On the Implementation of Optimal Receivers for LFM Signals using Fractional Fourier Transform**
Candan C.
2008 IEEE Radar Conference, Rome, Italy, 26 - 30 May 2008, pp.1833-1836

XXIII. **Efficient Methods of Doppler Processing for Coexisting Land and Weather Clutter**
CANDAN Ç., YILMAZ A. Ö.
2008 IEEE Radar Conference, Rome, Italy, 26 - 30 May 2008, pp.568-572

XXIV. **A transcoding robust data hiding method for image communication applications**
Candan C.
IEEE International Conference on Image Processing (ICIP 2005), Genoa, Italy, 11 - 14 September 2005, pp.2873-2876

## Patent

Ertan A. E., Padar M. O., Candan Ç., A METHOD FOR MOTION CLASSIFICATION USING A PULSED RADAR SYSTEM, Patent, CHAPTER H Electricity, Standard Registration, 2019

## Activities in Scientific Journals

IEEE Signal Processing Magazine, Committee Member, 2021 - Continues
IEEE Communications Letters, Committee Member, 2021 - Continues

## Scientific Refereeing

IEEE TRANSACTIONS ON SIGNAL PROCESSING, SCI Journal, November 2022
IEEE SIGNAL PROCESSING LETTERS, Journal Indexed in SCI-E, July 2022
DIGITAL SIGNAL PROCESSING: A REVIEW JOURNAL, Journal Indexed in SCI-E, June 2022
IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, SCI Journal, May 2022
IEEE COMMUNICATIONS LETTERS, Journal Indexed in SCI-E, April 2022
IEEE COMMUNICATIONS LETTERS, Journal Indexed in SCI-E, October 2021
IEEE TRANSACTIONS ON SIGNAL PROCESSING, SCI Journal, August 2021
IEEE SIGNAL PROCESSING LETTERS, Journal Indexed in SCI-E, August 2021
SIGNAL PROCESSING, Journal Indexed in SCI-E, July 2021
IEEE COMMUNICATIONS LETTERS, Journal Indexed in SCI-E, July 2021
IEEE SIGNAL PROCESSING LETTERS, Journal Indexed in SCI-E, March 2021
DIGITAL SIGNAL PROCESSING: A REVIEW JOURNAL, Journal Indexed in SCI-E, January 2021
IEEE TRANSACTIONS ON SIGNAL PROCESSING, SCI Journal, December 2020
IEEE SIGNAL PROCESSING LETTERS, Journal Indexed in SCI-E, September 2020
DIGITAL SIGNAL PROCESSING, Journal Indexed in SCI-E, July 2020
IEEE SIGNAL PROCESSING LETTERS, Journal Indexed in SCI-E, July 2020
DIGITAL SIGNAL PROCESSING, Journal Indexed in SCI-E, May 2020
DIGITAL SIGNAL PROCESSING, Journal Indexed in SCI-E, May 2020
IEEE SIGNAL PROCESSING LETTERS, Journal Indexed in SCI-E, March 2020
IEEE TRANSACTIONS ON SIGNAL PROCESSING, SCI Journal, December 2019
SIGNAL PROCESSING, Journal Indexed in SCI-E, November 2019
DIGITAL SIGNAL PROCESSING, Journal Indexed in SCI-E, October 2019
IEEE SIGNAL PROCESSING LETTERS, Journal Indexed in SCI-E, May 2019
IEEE TRANSACTIONS ON AEROSPACE AND ELECTRONIC SYSTEMS, SCI Journal, April 2019
IEEE SIGNAL PROCESSING LETTERS, Journal Indexed in SCI-E, March 2019
IEEE COMMUNICATIONS LETTERS, Journal Indexed in SCI-E, January 2019

## Metrics

Publication: 64
Citation (WoS): 1319
Citation (Scopus): 1718
H-Index (WoS): 13
H-Index (Scopus): 14

## Awards

Candan Ç., TÜBİTAK TEŞVİK ÖDÜLÜ, Tübitak, July 2015

## Non Academic Experience

METU
METU
Georgia Institute of Technology