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Education Information

Doctorate, Gebze Technical University, Graduate School of Science And Engineering, Electronics Engineering, Turkey

2003 - 2009

Postgraduate, Istanbul Technical University, Elektrik-Elektronik, Elektronik Ve Haberleşme Mühendisliği, Turkey 2000 -

2002

Undergraduate, Yildiz Technical University, Faculty Of Electrical & Electronics, Electronics And Communication

Engineering, Turkey 1993 - 1997

Foreign Languages

English, C1 Advanced

Dissertations

Doctorate, Haberleşme sistemlerinin geliştirilmiş sönmlemeli kanallarda analizi, Gebze Technical University, Institute Of Science, 2009

Postgraduate, Turbo kodlar için serpiştirici tasarımı, Istanbul Technical University, Fen Bilimleri Enstitüsü, 2002

Research Areas

Communication Engineering, Information Theory, Communication Networks, Communication System Theory, Wireless Communication, Quantum Communication, Optical Communication

Academic Titles / Tasks

Associate Professor, Istanbul Technical University, Elektrik-Elektronik, Elektronik Ve Haberleşme Mühendisliği, 2022 - Continues

Courses

Wireless Communications, Doctorate, 2022 - 2023
Communication Theory, Undergraduate, 2022 - 2023
Analog Communications, Undergraduate, 2022 - 2023

Advising Theses

Yilmaz F., Naive Bayes Classifiers For Datasets With Dependent Attributes, Postgraduate, G.Chatip(Student), 2022
Yilmaz F., On the Vision-Beam Aided Tracking for Wireless 5G-Beyond Networks Using Long Short-Term Memory with Soft Attention Mechanism, Postgraduate, N.SINANI(Student), 2022

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Alternative expressions of the PDF and CDF for Gamma, η - μ and κ - μ shadowed distributions with applications in wireless communications**
Yilmaz F., Hasna M. O., Qaraqe K.
Physical Communication, vol.56, 2023 (SCI-Expanded)
- II. **Performance Analysis of OTFS Under In-Phase and Quadrature Imbalance at Transmitter**
Tusha A., Dogan-Tusha S., Yilmaz F., Althunibat S., Qaraqe K., Arslan H.
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, vol.70, no.11, pp.11761-11771, 2021 (SCI-Expanded)
- III. **On the Relationships Between Average Channel Capacity, Average Bit Error Rate, Outage Probability, and Outage Capacity Over Additive White Gaussian Noise Channels**
Yilmaz F.
IEEE TRANSACTIONS ON COMMUNICATIONS, vol.68, no.5, pp.2763-2776, 2020 (SCI-Expanded)
- IV. **On the asymptotic analysis of the high-order statistics of the channel capacity over generalized fading channels**
Yilmaz F.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.28, no.1, pp.362-379, 2020 (SCI-Expanded)
- V. **McLeish Distribution: Performance of Digital Communications Over Additive White McLeish Noise (AWMN) Channels**
Yilmaz F.
IEEE ACCESS, vol.8, pp.19133-19195, 2020 (SCI-Expanded)
- VI. **A novel and unified approach for averaged channel capacity and averaged effective capacity analyses of diversity combining and multihop transmission schemes in flat fading environments**
Yilmaz F., Alouini M.
TURKISH JOURNAL OF ELECTRICAL ENGINEERING AND COMPUTER SCIENCES, vol.27, no.1, pp.106-119, 2019 (SCI-Expanded)
- VII. **New results on the sum of Gamma random variates with application to the performance of wireless communication systems over Nakagami-m fading channels**
Ansari I. S., Yilmaz F., Alouini M., Kucur O.
TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, vol.28, no.1, 2017 (SCI-Expanded)
- VIII. **Performance Analysis of Free-Space Optical Links Over Malaga (M) Turbulence Channels With Pointing Errors**
Ansari I. S., Yilmaz F., Alouini M.
IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS, vol.15, no.1, pp.91-102, 2016 (SCI-Expanded)
- IX. **Heterogeneous next-generation wireless network interference model-and its applications**
Mahmood N. H., Yilmaz F., Alouini M., Oien G. E.
TRANSACTIONS ON EMERGING TELECOMMUNICATIONS TECHNOLOGIES, vol.25, no.5, pp.563-575, 2014 (SCI-Expanded)

- X. **A Generic Interference Model for Uplink OFDMA Networks With Fractional Frequency Reuse**
Tabassum H., Dawy Z., Alouini M. S., Yilmaz F.
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, vol.63, no.3, pp.1491-1497, 2014 (SCI-Expanded)
- XI. **On the Computation of the Higher Order Statistics of the Channel Capacity for Amplify-and-Forward Multihop Transmission**
Yilmaz F., Tabassum H., Alouini M.
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, vol.63, no.1, pp.489-494, 2014 (SCI-Expanded)
- XII. **Error Rates of M-PAM and M-QAM in Generalized Fading and Generalized Gaussian Noise Environments**
Soury H., Yilmaz F., Alouini M.
IEEE COMMUNICATIONS LETTERS, vol.17, no.10, pp.1932-1935, 2013 (SCI-Expanded)
- XIII. **A Statistical Model of Uplink Inter-Cell Interference with Slow and Fast Power Control Mechanisms**
Tabassum H., Yilmaz F., Dawy Z., Alouini M.
IEEE TRANSACTIONS ON COMMUNICATIONS, vol.61, no.9, pp.3953-3966, 2013 (SCI-Expanded)
- XIV. **On Hybrid Cooperation in Underlay Cognitive Radio Networks**
Mahmood N. H., Yilmaz F., Oien G. E., Alouini M.
IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS, vol.12, no.9, pp.4422-4433, 2013 (SCI-Expanded)
- XV. **Impact of Pointing Errors on the Performance of Mixed RF/FSO Dual-Hop Transmission Systems**
Ansari I. S., Yilmaz F., Alouini M.
IEEE WIRELESS COMMUNICATIONS LETTERS, vol.2, no.3, pp.351-354, 2013 (SCI-Expanded)
- XVI. **On the Performance of Transmit Antenna Selection Based on Shadowing Side Information**
Yilmaz A., Yilmaz F., Alouini M., Kucur O.
IEEE TRANSACTIONS ON VEHICULAR TECHNOLOGY, vol.62, no.1, pp.454-460, 2013 (SCI-Expanded)
- XVII. **A Framework for Uplink Intercell Interference Modeling with Channel-Based Scheduling**
Tabassum H., Yilmaz F., Dawy Z., Alouini M.
IEEE TRANSACTIONS ON WIRELESS COMMUNICATIONS, vol.12, no.1, pp.206-217, 2013 (SCI-Expanded)
- XVIII. **On the Computation of the Higher-Order Statistics of the Channel Capacity over Generalized Fading Channels**
Yilmaz F., Alouini M.
IEEE WIRELESS COMMUNICATIONS LETTERS, vol.1, no.6, pp.573-576, 2012 (SCI-Expanded)
- XIX. **Capacity limits of spectrum-sharing systems over hyper-fading channels**
Ekin S., Yilmaz F., Celebi H., Qaraqe K. A., Alouini M., Serpedin E.
WIRELESS COMMUNICATIONS & MOBILE COMPUTING, vol.12, no.16, pp.1471-1480, 2012 (SCI-Expanded)
- XX. **A Novel Unified Expression for the Capacity and Bit Error Probability of Wireless Communication Systems over Generalized Fading Channels**
Yilmaz F., Alouini M.
IEEE TRANSACTIONS ON COMMUNICATIONS, vol.60, no.7, pp.1862-1876, 2012 (SCI-Expanded)
- XXI. **Average Bit Error Probability of Binary Coherent Signaling over Generalized Fading Channels Subject to Additive Generalized Gaussian Noise**
Soury H., Yilmaz F., Alouini M.
IEEE COMMUNICATIONS LETTERS, vol.16, no.6, pp.785-788, 2012 (SCI-Expanded)
- XXII. **A Unified MGF-Based Capacity Analysis of Diversity Combiners over Generalized Fading Channels**
Yilmaz F., Alouini M.
IEEE TRANSACTIONS ON COMMUNICATIONS, vol.60, no.3, pp.862-875, 2012 (SCI-Expanded)
- XXIII. **A New Formula for the BER of Binary Modulations with Dual-Branch Selection over Generalized-K Composite Fading Channels**
Ansari I. S., Al-Ahmadi S., Yilmaz F., Alouini M., Yanikomeroglu H.
IEEE TRANSACTIONS ON COMMUNICATIONS, vol.59, no.10, pp.2654-2658, 2011 (SCI-Expanded)
- XXIV. **Performance of Equal Gain Combining with Quantized Phases in Rayleigh Fading Channels**
Rizvi U. H., Yilmaz F., Alouini M., Janssen G. J. M., Weber J. H.
IEEE TRANSACTIONS ON COMMUNICATIONS, vol.59, no.1, pp.13-18, 2011 (SCI-Expanded)

- XXV. **Symbol Error Rate Performance of QS-CDMA over Frequency Selective Time Non-Selective Multipath Generalized Gamma Fading Channels**
Yilmaz F., Kucur O.
WIRELESS PERSONAL COMMUNICATIONS, vol.49, no.4, pp.487-516, 2009 (SCI-Expanded)
- XXVI. **Performance of quasisynchronous scale time code division multiple access for AWGN channel**
Yilmaz F., Kucur O.
COMPUTERS & ELECTRICAL ENGINEERING, vol.34, no.1, pp.38-52, 2008 (SCI-Expanded)

Articles Published in Other Journals

- I. **On the Vision-Beam Aided Tracking for Wireless 5G-Beyond Networks Using Long Short-Term Memory with Soft Attention Mechanism**
Sinani N., Yilmaz F.
The European Journal of Research and Development, vol.2, no.2, pp.505-520, 2022 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **On the Physical Layer Security of Maximal-Ratio Combining Over Weibull Fading Channels**
Tokgoz S. C., YILMAZ F., Miller S. L., Qaraqe K.
2022 International Balkan Conference on Communications and Networking (BalkanCom), Sarajevo, Bosnia And Herzegovina, 22 - 24 August 2022
- II. **UAV-Assisted HetNets: Association Probability With Instantaneous Received Power**
Almohamad A., YILMAZ F., hasna M. O., Qaraqe K.
2022 International Balkan Conference on Communications and Networking (BalkanCom), Sarajevo, Bosnia And Herzegovina, 22 - 24 August 2022
- III. **A Dependent Feature Weighting Filter for Naive Bayes Classifier**
Chatip G., YILMAZ F.
Signal Processing and Communications Applications Conference, Karabük, Turkey, 15 - 18 May 2022
- IV. **Physical Effect of In-Phase and Quadrature Imbalance in Delay-Doppler Domain**
Tusha A., Doğan-Tusha S., YILMAZ F., Altunibat S., Qaraqe K., Arslan H.
2021 IEEE 94th Vehicular Technology Conference (VTC2021-Fall), United States Of America, 30 September 2021
- V. **On the Bit-Error Rate of Binary Phase Shift Keying over Additive White Generalized Laplacian Noise (AWGLN) Channels**
Yilmaz F., Alouini M.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- VI. **A Useful Lemma for Bit Error Rate of the Noise Imbalanced MRC Combining over Correlated and Uncorrelated Fading Channels**
Yilmaz F., Alouini M.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- VII. **Vehicle Location Estimation Using Air Pressure Measurements**
Chatip G., Yilmaz F.
26th IEEE Signal Processing and Communications Applications Conference (SIU), İzmir, Turkey, 2 - 05 May 2018
- VIII. **On the concepts and challenges of flying ad hoc networks (FANET)**
JASIM M. M., YILMAZ F.
International Conference On Advances In Science (ICAS 2016), İstanbul, Turkey, 31 August - 02 September 2016, pp.249-260
- IX. **On the Error Performance Bounds of Positioning Using RSSI-based Fingerprints**
Dogan S., Yilmaz F., ERTÜRK S.
23rd Signal Processing and Communications Applications Conference (SIU), Malatya, Turkey, 16 - 19 May 2015,

pp.1325-1328

- X. **Performance Analysis of FSO Links Over Unified Gamma-Gamma Turbulence Channels**
Ansari I. S., Yilmaz F., Alouini M.
81st IEEE Vehicular Technology Conference (VTC Spring), Glasgow, England, 11 - 14 May 2015
- XI. **Novel MGF-based Expressions for the Average Bit Error Probability of Binary Signalling over Generalized Fading Channels**
Yilmaz F., Alouini M.
IEEE Wireless Communications and Networking Conference (WCNC), İstanbul, Turkey, 6 - 09 April 2014, pp.1121-1125
- XII. **On the Sum of Squared eta-mu Random Variates With Application to the Performance of Wireless Communication Systems**
Ansari I. S., Yilmaz F., Alouini M.
77th IEEE Vehicular Technology Conference (VTC), Dresden, Germany, 2 - 05 June 2013
- XIII. **Resource Allocation based Uplink Intercell Interference Model in Multi-Carrier Networks**
Tabassum H., Yilmaz F., Dawy Z., Alouini M.
77th IEEE Vehicular Technology Conference (VTC), Dresden, Germany, 2 - 05 June 2013
- XIV. **Exact Symbol Error Probability of Square M-QAM Signaling over Generalized Fading Channels subject to Additive Generalized Gaussian Noise**
Soury H., Yilmaz F., Alouini M.
IEEE International Symposium on Information Theory (ISIT), İstanbul, Turkey, 7 - 12 July 2013, pp.51-55
- XV. **On the Performance of Hybrid RF and RF/FSO Fixed Gain Dual-Hop Transmission Systems**
Ansari I. S., Alouini M., Yilmaz F.
Saudi International Electronics, Communications and Photonics Conference (SIEPCPC), Riyadh, Saudi Arabia, 27 - 30 April 2013
- XVI. **On the Performance of Mixed RF/FSO Dual-Hop Transmission Systems**
Ansari I. S., Yilmaz F., Alouini M.
77th IEEE Vehicular Technology Conference (VTC), Dresden, Germany, 2 - 05 June 2013
- XVII. **On the ergodic capacity of legacy systems in the presence of next generation interference**
MAHMOOD N. H., YILMAZ F., Geir E O., ALOUINI M. S., OIEN G. E.
2011 8th International Symposium on Wireless Communication Systems, Aachen, Germany, 6 - 09 November 2011, pp.462-466
- XVIII. **Novel relations between the ergodic capacity and the average bit error rate**
YILMAZ F., ALOUINI M. S.
2011 8th International Symposium on Wireless Communication Systems, Aachen, Germany, 6 - 09 November 2011, pp.789-793
- XIX. **On the statistics of uplink inter-cell interference with greedy resource allocation**
TABASSUM H., YILMAZ F., DAWY Z., ALOUINI M. S.
2011 8th International Symposium on Wireless Communication Systems, Aachen, Germany, 6 - 09 November 2011, pp.735-739
- XX. **Partial relay selection based on shadowing side information over generalized composite fading channels**
YILMAZ F., ALOUINI M. S.
2011 8th International Symposium on Wireless Communication Systems, Aachen, Germany, 6 - 09 November 2011, pp.367-371
- XXI. **Novel Asymptotic Results on the High-Order Statistics of the Channel Capacity over Generalized Fading Channels**
Yilmaz F., Alouini M.
13th IEEE International Workshop on Signal Processing Advances in Wireless Communications (SPAWC), Cesme, Turkey, 17 - 20 June 2012, pp.389-393
- XXII. **On the Sum of Gamma Random Variates With Application to the Performance of Maximal Ratio Combining over Nakagami-m Fading Channels**

Ansari I. S., Yilmaz F., Alouini M., Kucur O.

13th IEEE International Workshop on Signal Processing Advances in Wireless Communications (SPAWC), Cesme, Turkey, 17 - 20 June 2012, pp.394-398

XXIII. A Novel Ergodic Capacity Analysis of Diversity Combining and Multihop Transmission Systems over Generalized Composite Fading Channels

Yilmaz F., Alouini M.

IEEE International Conference on Communications (ICC), Ottawa, Canada, 10 - 15 June 2012

XXIV. On the Modeling of Uplink Inter-Cell Interference based on Proportional Fair Scheduling

Tabassum H., Yilmaz F., Dawy Z., Alouini M. S.

IEEE Wireless Communications and Networking Conference (WCNC), Paris, France, 1 - 04 April 2012, pp.317-321

XXV. A Statistical Model for Uplink Intercell Interference with Power Adaptation and Greedy Scheduling

Tabassum H., Yilmaz F., Dawy Z., Alouini M. S.

76th IEEE Vehicular Technology Conference (VTC Fall), Quebec City, Canada, 3 - 06 September 2012

XXVI. Cognitive Interference Modeling with Applications in Power and Admission Control

Mahmoodh N. H., Yilmaz F., Alouini M., Oien G. E.

IEEE International Symposium on Dynamic Spectrum Access Networks, Washington, United States Of America, 16 - 19 October 2012, pp.434-439

XXVII. Higher Order Capacity Statistics of Multi-hop Transmission Systems over Rayleigh Fading Channels

Yilmaz F., Tabassum H., Alouini M.

16th IEEE Mediterranean Electrotechnical Conference (MELECON), Hammamet, Tunisia, 25 - 28 March 2012, pp.1042-1044

XXVIII. On Hybrid Cooperation in Underlay Cognitive Radio Networks

Mahmood N. H., Yilmaz F., Oien G. E., Alouini M.

46th Asilomar Conference on Signals, Systems and Computers, California, United States Of America, 4 - 07 November 2012, pp.308-312

XXIX. Transmit Antenna Selection Based on Shadowing Side Information

YILMAZ A., YILMAZ F., ALOUINI M. S., KUCUR O.

2011 IEEE 73rd Vehicular Technology Conference (VTC Spring), Budapest, Hungary, 15 - 18 May 2011

XXX. On the Average Capacity and Bit Error Probability of Wireless Communication Systems

Yilmaz F., Alouini M.

54th Annual IEEE Global Telecommunications Conference (GLOBECOM), Texas, United States Of America, 5 - 09 December 2011

XXXI. Generalized Routing Protocols for Multihop Relay Networks

Khan F. A., Yilmaz F., Alouini M.

7th IEEE International Wireless Communications and Mobile Computing Conference (IWCMC), İstanbul, Turkey, 4 - 08 July 2011, pp.754-759

XXXII. A GENERALIZED AND PARAMETERIZED INTERFERENCE MODEL FOR COGNITIVE RADIO NETWORKS

Mahmood N. H., Yilmaz F., Alouini M.

12th IEEE International Workshop on Signal Processing Advances in Wireless Communications, San-Francisco, Costa Rica, 26 - 29 June 2011, pp.76-80

XXXIII. An Exact Closed-Form Expression for the BER of Binary Modulations with Dual-Branch Selection over Generalized-K Fading

Ansari I. S., Al-Ahmadi S., Yilmaz F., Alouini M., Yanikomeroglu H.

73rd IEEE Vehicular Technology Conference (VTC Spring), Budapest, Hungary, 15 - 18 May 2011

XXXIV. A novel framework on exact average symbol error probabilities of multihop transmission over amplify-and-forward relay fading channels

YILMAZ F., KUCUR O., ALOUINI M. S.

2010 7th International Symposium on Wireless Communication Systems, York, Sierra Leone, 19 - 22 September 2010, pp.546-550

XXXV. A new simple model for composite fading channels: Second order statistics and channel capacity

YILMAZ F., ALOUINI M. S.

2010 7th International Symposium on Wireless Communication Systems, York, Sierra Leone, 19 - 22 September 2010, pp.676-680

- XXXVI. **Performance analysis of digital communication systems over amplify and forward multihop relay channels**

YILMAZ F., M Slim A.

International Conference on Next Generation Wireless Systems (NGWS), Melbourne, Australia, 12 - 14 October 2009

- XXXVII. **A unified framework for the statistical characterization of the SNR of amplify-and-forward multihop channels**

YILMAZ F., KUCUR O., ALOUINI M. S.

2010 17th International Conference on Telecommunications, Doha, Qatar, 4 - 07 April 2010, pp.324-330

- XXXVIII. **Outage capacity of multicarrier systems**

YILMAZ F., ALOUINI M. S.

2010 17th International Conference on Telecommunications, Doha, Qatar, 4 - 07 April 2010, pp.260-265

- XXXIX. **Selection combining with quantized channel phase compensation over Rayleigh fading**

RIVZI U. H., YILMAZ F., ALOUINI M. S., JANSSEN G. J. M., WEBER J. H.

IEEE conference on Radio and wireless symposium (RWS), Piscataway, NJ, United States Of America, 16 - 18 January 2010, pp.216-219

- XL. **Exact Capacity Analysis of Multihop Transmission over Amplify-and-Forward Relay Fading Channels**

Yilmaz F., Kucur O., Alouini M.

21st Annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), İstanbul, Turkey, 26 - 30 September 2010, pp.2293-2298

- XLI. **An MGF-based Capacity Analysis of Equal Gain Combining over Fading Channels**

Yilmaz F., Alouini M.

21st Annual IEEE International Symposium on Personal, Indoor and Mobile Radio Communications (PIMRC), İstanbul, Turkey, 26 - 30 September 2010, pp.945-950

- XLII. **The m-n distribution: A new closed-form physical channel fading model and performance of M-ary modulations**

YILMAZ F., KUCUR O.

2009 European Wireless Conference, Aalborg, Denmark, 17 - 20 May 2009, pp.282-286

- XLIII. **Product of shifted exponential variates and outage capacity of multicarrier systems**

YILMAZ F., ALOUINI M. S.

2009 European Wireless Conference, Aalborg, Denmark, 17 - 20 May 2009, pp.282-286

- XLIV. **Performance of equal gain combining for quantized estimates of Rayleigh fading channels**

RIVZI U. H., YILMAZ F., ALOUINI M. S., JANSSEN G. J. M., WEBER J. H.

2009 European Wireless Conference, Aalborg, Denmark, 17 - 20 May 2009, pp.16-20

- XLV. **Multihop based Turbo coding**

YILMAZ F., ALOUINI M. S.

International Conference on Next Generation Wireless Systems (NGWS), Melbourne, Australia, 12 - 14 October 2009

- XLVI. **Sum of Weibull variates and performance of diversity systems**

YILMAZ F., Mohamed-Slim A.

Proceedings of the 2009 International Conference on Wireless Communications and Mobile Computing Connecting the World Wirelessly - IWCMC 'xx09, Leipzig, Germany, Germany, 21 - 24 June 2009, pp.242-257

- XLVII. **Product of shifted Gamma variates and outage capacity of multicarrier systems**

YILMAZ F., ALOUINI M. S.

IEEE Communications Theory Workshop (CTW), Nappa Valley, California, United States Of America, 9 - 11 May 2009

- XLVIII. **Performance of RF level diversity combining with quantized channel estimates over Rayleigh fading**

RIVZI U. H., YILMAZ F., ALOUINI M. S., JANSSEN G. J. M., WEBER J. H.

IEEE Communications Theory Workshop (CTW), Nappa Valley, California, United States Of America, 9 - 11 May

2009

- XLIX. Achievable Capacity of a Spectrum Sharing System over Hyper Fading Channels**
Ekin S., Yilmaz F., Celebi H., Qaraqe K. A., Alouini M., Serpedin E.
IEEE Global Telecommunications Conference (GLOBECOM 09), Hawaii, United States Of America, 30 November - 04 December 2009, pp.3992-3993
- L. Product of the Powers of Generalized Nakagami-m Variates and Performance of Cascaded Fading Channels**
Yilmaz F., Alouini M.
IEEE Global Telecommunications Conference (GLOBECOM 09), Hawaii, United States Of America, 30 November - 04 December 2009, pp.6178-6185
- LI. Exact Performance of Wireless Multihop Transmission for M-ary Coherent Modulations over Generalized Gamma Fading Channels**
Yilmaz F., Kucur O.
19th IEEE International Symposium on Personal, Indoor and Mobile Radio Communications, Cannes, France, 15 - 18 September 2008, pp.1397-1401
- LII. Performance of QS CDMA over frequency selective time non selective multipath generalized Gamma fading channels**
YILMAZ F., KUCUR O.
The 13th European Wireless Conference (EW 2007), Paris, France, 1 - 04 April 2007, pp.487-516
- LIIL. Cooperative uplink VG-CDMA over frequency selective generalized gamma slowly fading channels**
Yilmaz F., Kucur O.
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.491-494
- LIV. Analysis of QS-CDMA for M-ary signaling over frequency selective generalized gamma slowly fading channels**
Yilmaz F., Kucur O.
IEEE 15th Signal Processing and Communications Applications Conference, Eskişehir, Turkey, 11 - 13 June 2007, pp.487-490
- LV. Analysis of QS-CDMA over frequency selective time non-selective Nakagami-m fading channels**
Yilmaz F., Kucur O.
IEEE 14th Signal Processing and Communications Applications, Antalya, Turkey, 16 - 19 April 2006, pp.226-227
- LVI. Bellek kazançlı Turbo Kodlar**
YILMAZ F.
IEEE Signal Processing and Communications Applications (SIU), Antalya, Turkey, 19 - 21 April 2003
- LVII. Turbo kodlar için karma serpiştirici tasarımı**
YILMAZ F., AYGÖLÜ H. Ü.
Signal Processing and Communications Applications (SIU), Pamukkale, Denizli, Turkey, 12 - 14 June 2002, pp.159-164

Patent

Yılmaz F., Konumlama Sistemi, Patent, CHAPTER H Electricity, The Invention Registration Number: 2019/11424 , Standard Registration, 2020

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