

List of Publications of All Faculty 2019

14 papers

Dr. Sobia Baig

Journal Papers: 4

1. Zainab Tahira, Hafiz M.Asif, Asim Ali Khan, Sobia Baig, “Optimization of Non-Orthogonal Multiple Access based Visible Light Communication System”, IEEE Communication Letters, 2019
2. Sobia Baig, Usman Ali, Hafiz M.Asif, Asim Ali Khan, Shahid Mumtaz, “Closed-Form BER Expression for Fourier and Wavelet Transform based Pulse-Shaped Data in Downlink NOMA”, IEEE Communication Letters, 2019
3. Ayesha Naz, Sobia Baig, Hafiz M.Asif, “Non Orthogonal Multiple Access (NOMA) for Broadband Communication in Smart Grids using VLC and PLC”, International Journal for Light and Electron Optics, Elsevier, 2019
4. Arsla Khan, Saud Khan, Sobia Baig, Hafiz Muhammad Asif, Soo Young Shin, “Wavelet OFDM with Overlap FDE for Non-Gaussian Channels in Precoded NOMA based systems”, Future Generation Computer Systems, pp. 165-179, 2019

Dr. Naeem Shahzad

Journal Papers: 1

1. Muhammad Naeem Shehzad, Qaisar Bashi, Ghufuran Ahmad, Adeel Anjum, Muhammad Naeem Awais, “Thermal-aware resource allocation in earliest deadline first using fluid scheduling”, International Journal of Distributed Sensor Networks, 2019

Dr. Asim Ali Khan

Journal Papers: 3 (1)

1. Zainab Tahira, Hafiz M.Asif, Asim Ali Khan, Sobia Baig, “Optimization of Non-Orthogonal Multiple Access based Visible Light Communication System”, IEEE Communication Letters, 2019
2. Asim Ali Khan, Hafiz M. Asif and Sobia Baig, “Ground plane impact on quadrifilar helix antenna performance with respect to deployment heights”, International Journal of Communication Systems, 2019.
3. Sobia Baig, Usman Ali, Hafiz M.Asif, Asim Ali Khan, Shahid Mumtaz, “Closed-Form BER Expression for Fourier and Wavelet Transform based Pulse-Shaped Data in Downlink NOMA”, IEEE Communication Letters, 2019

Dr. Hafiz Muhammad Asif

Journal Papers: 4 (0)

1. Zainab Tahira, Hafiz M.Asif, Asim Ali Khan, Sobia Baig, “Optimization of Non-Orthogonal Multiple Access based Visible Light Communication System”, IEEE Communication Letters, 2019
2. Sobia Baig, Usman Ali, Hafiz M.Asif, Asim Ali Khan, Shahid Mumtaz, “Closed-Form BER Expression for Fourier and Wavelet Transform based Pulse-Shaped Data in Downlink NOMA”, IEEE Communication Letters, 2019
3. Ayesha Naz, Sobia Baig, Hafiz M.Asif, “Non Orthogonal Multiple Access (NOMA) for Broadband Communication in Smart Grids using VLC and PLC”, International Journal for Light and Electron Optics, Elsevier, 2019

4. Arsla Khan, Saud Khan, Sobia Baig, Hafiz Muhammad Asif, Soo Young Shin, "Wavelet OFDM with Overlap FDE for Non-Gaussian Channels in Precoded NOMA based systems", Future Generation Computer Systems, pp. 165-179, 2019

Dr. Khurram Ali

Journal Papers: 1

1. M. Tahir, S. Afzal, M. Chughtai, K. Ali, "On the Accuracy of Inter-vehicular Range Measurements Using GNSS Observables in a Cooperative Framework. IEEE Transactions on Intelligent Transportation Systems" 2019.

Dr. Imran Ghous

Journal Paper: 3 (2)

1. Imran Ghous, Zhaoxia Duan, Jahanzeb Akhtar, Muhammad Jawad, "Robust stabilization of Uncertain 2-D discrete time delay systems using sliding mode control", The Journal of the Franklin Institute, Elsevier, 2019
2. M. Jawad, A. Rafique, I. Khosa, I. Ghous, J. Akhtar, S.M. Ali, "Improving Disturbance Storm Time Index Prediction Using Linear and Nonlinear Parametric Models: A Comprehensive Analysis", IEEE Transaction on Plasma Science, 2019
3. Z. Duan, I. Ghous, J. Akhtar, K. Ali, M. H. Jaffey, "Robust L₂-L_∞ filter design for uncertain 2-D continuous nonlinear delayed systems with saturation", IEEE Access,

Dr. M. Tariq Hamayun

Journal Papers: 1

1. F. Ijaz, M. T. Hamayun, S. Hussain, S. Ijaz, S. Yan, "An Adaptive Sliding Mode Actuator Fault Tolerant Control Scheme for Octorotor System", International Journal of Advanced Robotics Systems, 2019

Dr. Muhammad Naeem Awais

Journal Papers: 1 (0)

1. Muhammad Naeem Shehzad, Qaisar Bashi, Ghufuran Ahmad, Adeel Anjum, Muhammad Naeem Awais, "Thermal-aware resource allocation in earliest deadline first using fluid scheduling", International Journal of Distributed Sensor Networks, 2019.

Dr. Ikramullah Khosa

Journal Paper: 1 (0)

1. M. Jawad, A. Rafique, I. Khosa, I. Ghous, J. Akhtar, S.M. Ali, "Improving Disturbance Storm Time Index Prediction Using Linear and Nonlinear Parametric Models: A Comprehensive Analysis", IEEE Transaction on Plasma Science, 2019

Dr. Muhamamd Jawad

Journal Papers: (0)

1. Imran Ghous, Zhaoxia Duan, Jahanzeb Akhtar, Muhammad Jawad, "Robust stabilization of Uncertain 2-D discrete time delay systems using sliding mode control", The Journal of the Franklin Institute, Elsevier, 2019
2. M. Jawad, A. Rafique, I. Khosa, I. Ghous, J. Akhtar, S.M. Ali, "Improving Disturbance Storm Time Index Prediction Using Linear and Nonlinear Parametric Models: A Comprehensive Analysis", IEEE Transaction on Plasma Science, 2019

Dr. Jahanzeb Akhtar

Journal Papers: 4 (1)

1. Imran Ghous, Zhaoxia Duan, Jahanzeb Akhtar, Muhammad Jawad, “Robust stabilization of Uncertain 2-D discrete time delay systems using sliding mode control”, The Journal of the Franklin Institute, Elsevier, 2019.
2. Zhaoxia Duan, J. Akhtar, I. Ghous, Muhammad Jawad, I. Khosa, “Improving the tracking of Subatomic Particles Using the Unscented Kalman Filter with Measurement Redundancy in High Energy Physics Experiment”, IEEE Access, 2019
3. M. Jawad, A. Rafique, I. Khosa, I. Ghous, J. Akhtar, S.M. Ali, “Improving Disturbance Storm Time Index Prediction Using Linear and Nonlinear Parametric Models: A Comprehensive Analysis”, IEEE Transaction on Plasma Science, 2019
4. Z. Duan, I. Ghous, J. Akhtar, K. Ali, M. H. Jaffey, “Robust L₂-L_∞ filter design for uncertain 2-D continuous nonlinear delayed systems with saturation”, IEEE Access,

Dr. M. Yaqoob Javed

Journal Papers: 2

1. AF Mirza, Q Ling, MY Javed, M Mansoor, “Novel MPPT techniques for photovoltaic systems under uniform irradiance and Partial shading”, Solar Energy, pp.628-648.
2. Muhammad Majid Gulzar, Syed Tahir Hussain Rizvi, Muhammad Yaqoob Javed, Daud Sibtain, Rubab Salah ud Din, “Mitigating the Load Frequency Fluctuations of Interconnected Power Systems Using Model Predictive Controller”, Electronics, pp. 156-176, 2019

Dr. Arsla Khan

Journal Papers: 1 (0)

1. Arsla Khan, Saud Khan, Sobia Baig, Hafiz Muhammad Asif, Soo Young Shin, “Wavelet OFDM with Overlap FDE for Non-Gaussian Channels in Precoded NOMA based systems”, Future Generation Computer Systems, pp. 165-179, 2019

Dr. Aamer Bilal Asghar

Journal Papers: 1

1. Yashuang Mu, Lidong Wang, Xiaodong Liu and Aamer Bilal Asghar, “A parallel tree node splitting criterion for fuzzy decision trees”, 2019

Mr. Ahmad Mudassir

Journal Papers: (0)

1. Ahmad Mudassir, SA. Hassan, H. Pervaiz, Saleem Akhtar, Hesham Kamel, “Game theoretic efficient radio resource allocation in 5G resilient Networks: Data Driven Approach”, Transactions on Emerging Telecommunication Technologies, 2019

