

Mehmood Alam

Assistant Professor
Military College of Signals

Email: mehmood.alam@mcs.edu.pk
Contact:
LinkedIn:



About

Dr. Mehmood Alam is working as Assistant Professor in the Military College of Signals. Dr. Mehmood Alam has a PhD in Massive Machine Type Communication In 5g. Dr. Mehmood Alam has published 12 research articles & conference papers having a citation count of 20, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Massive Machine Type Communication In 5g Aarhus University , Denmark	2016 - 2018
MS in (Telecomm) NUST, Islamabad , Pakistan	2012 - 2014
BE in (Comm Systems) NUST, Islamabad , Pakistan	2007 - 2011

Experience

Assistant Professor Military College of Signals	2023- Present
Assistant Professor Military College of Signals	2019 - 2023
Lecturer BUITEMS , Aiport road Quetta	2014 - 2014
A-EXEN NRTC , Haripur	2011 - 2013

A novel, mutual coupling independent, ultra-thin, and polarization-insensitive tetra band metamaterial absorber for microwave applications <i>Saad Mahfooz Abdul Wakeel Muhammad Sibghat Ullah Mehmood Alam Adil Masood Siddiqui Adnan Iftikhar</i> <i>Waves in Random and Complex Media</i> , Pages 1-17 Impact Factor: N/A DOI: https://doi.org/10.1080/17455030.2024.2370021	2024
Design and allocation of low correlated signatures for sequence block-based compressive sensing multiuser detection in massive machine-type communication <i>Malika Bakhtawar Mehmood Alam Abdul Wakeel Shibli Nisar Ikram Syed Jaehyuk Choi</i> <i>AEU - International Journal of Electronics and Communications</i> , Volume 161, March 2023, 154537 Impact Factor: 3.169 Quartile: 2 Citations: 1 DOI: https://doi.org/10.1016/j.aeue.2023.154537	2023
A Survey: Nonorthogonal Multiple Access with Compressed Sensing Multiuser Detection for mMTC <i>Mehmood Alam Qi Zhang</i> <i>Wireless Communications and Mobile Computing</i> , Volume 2021, Article ID 8840519, 16 pages Impact Factor: 2.336 Quartile: 3 Citations: 4 DOI: 10.1155/2021/8840519	2021
Non-Orthogonal Multiple Access With Sequence Block Compressed Sensing Multiuser Detection for 5G <i>Mehmood Alam Qi Zhang</i> <i>IEEE Access</i> , Volume 6, Pages 63058-63070 Impact Factor: 4.098 Quartile: 1 Citations: 15 DOI: DOI: 10.1109/ACCESS.2018.2877477	2018
Optical Backplane Based on Ring-Resonators: Scalability and Performance Analysis for 10 Gb/s OOK-NRZ <i>Giuseppe Rizzelli Domenico Siracusa Guido Maier Maurizio Magarini Mehmood Alam Andrea Melloni</i> <i>Photonics</i> , Volume 1(2), Pages 131-145 Impact Factor: N/A DOI: 10.3390/photonics1020131	2014

- QoS-Aware NOMA with Sequence Block Compressed Sensing Multiuser Detection** 2019
Mehmood Alam Qi Zhang
IEEE Wireless Communications and Networking Conference (WCNC), res.country(136,)
Citations: N/A
DOI: 10.1109/WCNC.2019.8885427
- Novel Codebook-based MC-CDMA with Compressive Sensing Multiuser Detection for Sporadic mMTC** 2018
Mehmood Alam Qi Zhang
IEEE Globecom Workshops (GC Wkshps), res.country(2,)
Citations: N/A
DOI: 10.1109/GLOCOMW.2018.8644174
- Sequence Block based Compressed Sensing Multiuser Detection for 5G** 2018
Mehmood Alam Qi Zhang
IEEE Global Communications Conference (GLOBECOM), res.country(2,)
Citations: N/A
DOI: 10.1109/GLOCOM.2018.8647750
- Enhanced compressed sensing based multiuser detection for machine type communication** 2018
Mehmood Alam Qi Zhang
IEEE Wireless Communications and Networking Conference (WCNC), res.country(68,)
Citations: N/A
DOI: 10.1109/WCNC.2018.8377222
- Designing optimum mother constellation and codebooks for SCMA** 2017
Mehmood Alam Qi Zhang
IEEE International Conference on Communications (ICC), res.country(75,)
Citations: N/A
DOI: 10.1109/ICC.2017.7996539
- Performance Study of SCMA Codebook Design** 2017
Mehmood Alam Qi Zhang
IEEE Wireless Communications and Networking Conference (WCNC), res.country(233,)
Citations: N/A
DOI: 10.1109/WCNC.2017.7925767
- Performance analysis of ring-resonator based optical backplane for DPSK transmission at 10 Gb/s** 2014
Maurizio Magarini Guido Maier Mehmood Alam
16th International Conference on Transparent Optical Networks (ICTON), res.country(12,)
Citations: N/A
DOI: 10.1109/ICTON.2014.6876604