

Mahrukh Liaqat

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About

Dr. Mahrukh Liaqat is working as Assistant Professor in the College of Electrical & Mechanical Engineering. Dr. Mahrukh Liaqat has a PhD in Wireless. Dr. Mahrukh Liaqat has published 8 research articles & conference papers having a citation count of 166, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Wireless Universiti Malaya , Malaysia	2016 - 2022
MS in electronics and communication UET Lahore , Pakistan	2013 - 2016
BS in Electrical Engineering BSE, Karachi , pakistan (Duplicate)	2008 - 2012

Experience

Assistant Professor College of Electrical & Mechanical Engineering	2022- Present
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- Performance Analysis of SWIPT-Assisted Cooperative NOMA Network With Non-Linear EH, Interference, and Imperfect SIC** 2025
Nausheen Ashraf Shahzad Amin Sheikh Mahrukh Liaqat Sajjad Ahmed Khan
IEEE Access , Volume:13, Pages 77481-77492
Impact Factor: 3.600 | **Quartile:** 2
DOI: 10.1109/ACCESS.2025.3563111
- Performance Analysis of ZF and RZF in Low-Resolution ADC/DAC Massive MIMO Systems** 2024
Talha Younas Jin Shen Muluneh Mekonnen Mingliang Gao Saqib Saleem Sohaib Tahir Mahrukh Liaqat
China Communications , Volume 21, Issue 8, Pages 115-126
Impact Factor: 4.100 | **Quartile:** 2
DOI: 10.23919/JCC.ja.2022-0702
- Performance evaluation of multiple relay SWIPT enabled cooperative NOMA network in the presence of interference.** 2024
Mahrukh Liaqat Kamarul Ariffin Noordin Tarik Abdul Latef Kaharudin Dimyati Talha Younas Faizan Qamar Zhiguo Ding Zhiguo Ding
Wireless Networks , Springer
Impact Factor: 3.0 | **Quartile:** 2 | **Citations:** 3
DOI: 10.1007/s11276-024-03669-6
- On the ergodic capacities of decode-and-forward MIMO relay network with simultaneous wireless information and power transfer** 2021
Omer Waqar Muhammad Asim Ali Mahrukh Liaqat Ayesha Iqbal
Transactions on Emerging Telecommunications Technologies , Volume 32, Issue 1, Article Number e4126
Impact Factor: 3.310 | **Quartile:** 2 | **Citations:** 4
DOI: <https://onlinelibrary.wiley.com/doi/full/10.1002/ett.4126>
- Power-domain non orthogonal multiple access (PD-NOMA) in cooperative networks: an overview** 2020
Tarik Abdul Latef Kaharudin Dimyati Mahrukh Liaqat Kamarul Ariffin Noordin
Wireless Networks , Volume 26, Issue 1, Pages 181-203
Impact Factor: 2.602 | **Quartile:** 2 | **Citations:** 122
DOI: <https://doi.org/10.1007/s11276-018-1807-z>
- Relay selection schemes for Cooperative NOMA (C-NOMA) with simultaneous wireless information and power transfer (SWIPT)** 2019
Mahrukh Liaqat Kamarul Ariffin Noordin Tarik Abdul Latef Kaharudin Dimyati Zhiguo Ding Arooj Mubashara Arslan Ahmed Talha Younas
Physical Communication , Volume 36, Article Number 100823
Impact Factor: 1.594 | **Quartile:** 3 | **Citations:** 18
DOI: 10.1016/j.phycom.2019.100823
- Throughput Analysis of Wireless Energy-Harvesting Relaying Protocols for Nakagami-m Fading Channels** 2019
Mahrukh Liaqat Omer Waqat
Arabian Journal for Science and Engineering , Volume 44, Pages 6851-6860
Impact Factor: 1.711 | **Quartile:** 3
DOI: <https://doi.org/10.1007/s13369-018-3661->