Muhammad Usman Ilyas

Assistant Professor

School of Electrical Engineering and Computer Science

Email:
Contact:
LinkedIn:

About

Dr. Muhammad Usman Ilyas is working as Assistant Professor in the School of Electrical Engineering and Computer Science. Dr. Muhammad Usman Ilyas has published 6 research articles & conference papers having a citation count of 100, carried out 0 projects and filed 0 intellectual property.

Qualifications

Experience

Assistant Professor   2021- Present
   School of Electrical Engineering and Computer Science

Assistant Professor   2016 - 2021
   School of Electrical Engineering and Computer Science

Assistant Professor   2016 - 2016
   School of Electrical Engineering and Computer Science

Assistant Professor   2015 - 2016
   School of Electrical Engineering and Computer Science

Assistant Professor   2012 - 2015
   School of Electrical Engineering and Computer Science

Assistant Professor   2011 - 2012
   School of Electrical Engineering and Computer Science

Research Articles

Internet-of-Things-Infrastructure-as-a-Service: The democratization of access to public Internet-of-Things Infrastructure

2020

Muhammad Usman Ilyas Muneeb Ahmed Anwar Sajid Saleem

International Journal of Communication Systems, Volume 33, Issue 16, Article Number e4562

Impact Factor: 2.047 | **Quartile:** 3 | **Citations:** 12
DOI: https://doi.org/10.1002/dac.4562

m-SAAC: Multi-stage adaptive approximation control to select approximate computing modes for vision applications

2019

Rida Amjad Rehan Hafiz Muhammad Usman Ilyas Muhammad Shahzad Younis Muhammad Shafique

Microelectronics Journal, Volume 91, Pages 84-91

Impact Factor: 1.405 | **Quartile:** 3 | **Citations:** 8
DOI: 10.1016/j.mejo.2010.07.010

Live fingerprint detection using magnitude of perceived spatial stimuli and local phase information

2018

Rubab Mehboob Hassan Dawood Hussain Dawood Muhammad Usman Ilyas Ping Guo Ameen Banjar

Journal of Electronic Imaging, Volume 27, Issue 5, Article Number: 053038

Impact Factor: 0.924 | **Quartile:** 4 | **Citations:** 12
DOI: DOI:10.1117/1.JEI.27.5.053038

STMAC: Spatio-Temporal Coordination-Based MAC Protocol for Driving Safety in Urban Vehicular Networks

2018

Jaehoon Jeong Yiwen Shen Sangsoo Jeong Sejun Lee Hwanseok Jeong Tae Oh Taejoon Park Muhammad Usman Ilyas Sang Hyuk Son David H. C. Du

IEEE Transactions on Intelligent Transportation Systems, Volume: 19, Issue: 5, Pages 1520-1536

Impact Factor: 5.744 | **Quartile:** 1 | **Citations:** 11
DOI: DOI:10.1109/TITS.2017.2723946

A stochastic model for transit latency in Open Flow SDNs

2017

Uzzam Javed Azeem Iqbal Saad Saleh Syed Ali Haider Muhammad Usman Ilyas

Computer Networks, Volume 113, Pages 218-229

Impact Factor: 2.522 | **Quartile:** 1 | **Citations:** 20
DOI: http://dx.doi.org/10.1016/j.comnet.2016.12.015

Identifying leaders and followers in online social networks

2013

M. Zubair Shafiq Muhammad Usman Ilyas Alex X. Liu Hayder Radha

IEEE Journal on Selected Areas in Communications, Volume 31, Issue 9, Pages 618-628

Impact Factor: 4.138 | **Quartile:** 1 | **Citations:** 37
DOI: 10.1109/JSAC.2013.SUP.0513054