

# Muhammad Usman Ilyas

Assistant Professor  
School of Electrical Engineering and Computer Science

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## 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

<b>Assistant Professor</b> School of Electrical Engineering and Computer Science	2021 - Present
<b>Assistant Professor</b> School of Electrical Engineering and Computer Science	2016 - 2021
<b>Assistant Professor</b> School of Electrical Engineering and Computer Science	2016 - 2016
<b>Assistant Professor</b> School of Electrical Engineering and Computer Science	2015 - 2016
<b>Assistant Professor</b> School of Electrical Engineering and Computer Science	2012 - 2015
<b>Assistant Professor</b> School of Electrical Engineering and Computer Science	2011 - 2012

- 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