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| --- | --- |
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Mustafa Almahdi Algaet,

**B.S. electrical engineering from Altahd university**

**Msc. Universiti Utara Malaysia**

**PhD. Technical University of Malaysia Malacca**

https://www.researchgate.net/profile/Mustafa\_Algaet4

Education

|  |  |
| --- | --- |
| *Apr 2012 – Jul 2017* | **Technical University of Malaysia Malacca**  , networking and internet computing  Malacca, Malaysia |

Research Experience

|  |  |
| --- | --- |
| *Jan 2016 – present* | **Reviewer**  Technical University of Malaysia Malacca, Department of Computer System & Communication  Malacca, Melaka, Malaysia  Signal, Image and Video Processing... springer |
| *Jan 2015 – present* | **Reviewer**  Technical University of Malaysia Malacca, Department of Computer System & Communication  , Malaysia  IET Communications |
| *Apr 2014 – present* | **Reviewer**  Technical University of Malaysia Malacca, Department of Computer System & Communication  Malacca, Melaka, Malaysia  International Journal of Electrical Power and Energy Systems,, Elsevier |
| *Jan 2014 – present* | **Reviewer**  Technical University of Malaysia Malacca, Department of Computer System & Communication  Malacca, Melaka, Malaysia  Wireless personal communications, springer |
| *Jan 2013 – present* | **Reviewer**  Technical University of Malaysia Malacca, Department of Computer System & Communication  Malacca, Malaysia  Proceedings of the National Academy of Sciences, India Section A: Physical Sciences, Springer |

Statistics

|  |  |
| --- | --- |
| *RG Score* | 8.01 |
| *Publications* | 21 |
| *Reads* | 1,468 |
| *Citations* | 46 |

Skills & Activities

|  |  |
| --- | --- |
| *Skills* | Networking, QoS, Computer Networking, E-health, Network Security, Telemedicine, Wireless LAN, Health Information Management, Medical Informatics Computing, Wireless Networks, Electronic Health Records, WLAN, Information and Communication Technology, Network Communication, Routing, Network Architecture, Wireless Computing, Network Simulation, Network Performance Evaluation, Mobility Management, Resource Allocation, Network Performance Analysis, TCP, Group Communication, Network, VoIP, Network technology, Multimedia Communication, Cloud Computing, Network Management, Internet Architecture, LAN, Network Simulator NS-2, Network Measurement |
| *Languages* | Arabic, English |

Books

Mustafa Algaet, ZUL AZRI BIN MUHAMAD NOH, ABDUL SAMAD SHIBGHATULLAH, ALI AHMAD MILAD, AOUACHE MUSTAPHA: *Telemedicine and Its Application in Healthcare Management: Telemedicine Management*. 04/2014; , DOI:10.13140/RG.2.1.2013.1361

Book Chapters

Journal Publications

Aouache Mustapha, Adel Oulefki, Messaoud Bengherabi, Elhocine Boutellaa, Mustafa Almahdi Algaet: *Towards nonuniform illumination face enhancement via adaptive contrast stretching*. Multimedia Tools and Applications 04/2017;

Mustapha Aouache, Adel Oulefki, Messaoud Bengherabi, Elhocine Boutellaa, Mustafa Almahdi Algaet: *Towards nonuniform illumination face enhancement via adaptive contrast stretching*. Multimedia Tools and Applications 04/2017;, DOI:10.1007/s11042-017-4665-2

Mustafa Almahdi Algaet, Zul Azri Bin Muhamad Noh, Abd Samad Bin Hasan Basari, Abdul Samad Shibghatullah, Ali Ahmad Milad, Ahmed Bashir Abugharsa, Aouache Mustapha: *Development of Robust Medical Image Transmission via Wi-Fi IEEE 802.11b in the Hospital Area*. Wireless Personal Communications 11/2016;, DOI:10.1007/s11277-016-3871-y

Mustafa Almahdi Algaet, ZUL AZRI BIN MUHAMAD NOH, ABD SAMAD BIN HASAN BASARI, ABDUL SAMAD SHIBGHATULLAH, ALI AHMAD MILAD AND AOUACHE MUSTAPHA: *Simulation of medical data compression and transmission through Wlans*. Journal of Theoretical and Applied Information Technology 12/2015; 82(2).

Mustafa Almahdi Algaet, Zul Azri Bin Muhamad Noh, Abd Samad Bin Hasan Basari, Abdul Samad Shibghatullah, Ali Ahmad Milad, Aouache Mustapha: *A Review of Service Quality in Integrated Networking System at the Hospital Scenarios*.

A.A. Milad, Z.A.B.M. Noh, A.S. Shibghatullah, M.A. Algaet, A. Mustapha: *Design a new bidirectional transmission protocol to improve the performance of MAC layer based on very high speed WLANs*. DOI:10.3844/jcssp.2015.707.722

Mustafa Almahdi Algaet, Zul Azri Bin Muhamad Noh, Abdul Samad Shibghatullah, Ali Ahmad Milad, Aouache Mustapha: *Quality of Service in Integrated Networking System at the Hospital Scenarios: A Review*.

Mustafa Almahdi Algaet, Zul Azri Bin Muhamad Noh, Abdul Samad Shibghatuallah, Ali Ahmad Milad, Aouache Mustapha: *Provisioning Quality of Service of Wireless Telemedicine for E-Health Services: A Review*. Wireless Personal Communications 04/2014; 78(1)., DOI:10.1007/s11277-014-1758-3

Mustafa Almahdi Algaet, Zul Azri Bin Muhamad Noh, Abdul Samad Shibghatullah, Ali Ahmad Milad, Aouache Mustapha: *A Review on Provisioning Quality of Service of Wireless Telemedicine for E-Health Services*. Middle East Journal of Scientific Research 01/2014; 19(4):570-592., DOI:10.5829/idosi.mejsr.2014.19.4.13583

Ali Ahmad Milad, Zul Azri Bin Muhamad Noh, Abdul Samad Shibghatullah, Shahrin Sahib, Rabiah Ahmad, Mustafa Almahdi Algaet: *Transmission control protocol performance comparison using piggyback scheme in wlans*. Journal of Computer Science 08/2013; 9(8-8):967., DOI:10.3844/jcssp.2013.967.971

Mustafa Almahdi Algaet, Zul Azri Bin Muhamad Noh, Abdul Samad Shibghatullah, Ali Ahmad Milad: *A Review on Framework and Quality of Service Based Web Services Discovery*.

Ali Ahmad Milad, Muhamad Noh, Zul Azri, Abdul Samad Shibghatullah, Mustafa Almahdi Algaet: *Reverse Direction Transmission in Wireless Networks: Review*. Middle East Journal of Scientific Research 01/2013; 18(6):767-778., DOI:10.5829/idosi.mejsr.2013.18.6.12486

Ali Ahmad Milad, Hjh Zaiton Muda, Zul Azri Bin Muhamad Noh, Mustafa Almahdi Algaet: *Comparative Study of Performance in Cryptography Algorithms (Blowfish and Skipjack)*. Journal of Computer Science 01/2012; 8(7-7):1191., DOI:10.3844/jcssp.2012.1191.1197

Patents

Conference Proceedings

Ali Ahmad Milad, Zul Azri Bin Muhamad Noh, Abdul Samad Shibghatullah, Mustafa Almahdi Algaet, Aouache Mustapha: *REVERSE DIRECTION TRANSMISSION USING SINGLE DATA FRAME AND MULTI DATA FRAMES TO IMPROVE THE PERFORMANCE OF MAC LAYER BASED ON IEEE 802.11N*. International Symposium on Research in Innovation and Sustainability (ISoRIS ’14), Malacca, Malaysia; 10/2014

Ali Ahmad Milad, Zul Azri, Bin Muhamad Noh, Abdul Samad Shibghatullah, Mustafa Almahdi Algaet, Aouache Mustapha: *REVERSE DIRECTION TRANSMISSION USING SINGLE DATA FRAME AND MULTI DATA FRAMES TO IMPROVE THE PERFORMANCE OF MAC LAYER BASED ON IEEE 802.11NREVERSE DIRECTION TRANSMISSION USING SINGLE DATA FRAME AND MULTI DATA FRAMES TO IMPROVE THE PERFORMANCE OF MAC LAYER BASED ON IEEE 802.11N*. International Symposium on Research in Innovation and Sustainability 2014 (ISoRIS ’14) 15-16 October 2014, Malacca, Malaysia; 01/2014

Mustafa Almahdi Algaet, Bin Muhamad Noh, Zul Azri, Abdul Samad Shibghatullah, Ali Ahmad Milad: *Provisioning quality of service of wireless telemedicine for e-health services*. Information & Communication Technologies (ICT), 2013 IEEE Conference on; 04/2013, DOI:10.1109/CICT.2013.6558089

Ali Ahmad Milad, Muhamad Noh, ZulAzri Bin, Abdul Samad Shibghatullah, Mustafa Almahdi Algaet: *Design a novel reverse direction transmission using piggyback and piggyback with block ACK to improving the performance of MAC layer based on very high speed wireless lans*. Information & Communication Technologies (ICT), 2013 IEEE Conference on; 04/2013, DOI:10.1109/CICT.2013.6558102