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Research Topics: Wireless Networks, Mobile Communication, Multimedia Communication, IoT, Cloud Computing, Massive MIMO Systems.

Published Papers:

- [1] **Saba Qasim Jabbar**, and Yu Li. "Analysis and Evaluation of Performance Gains and Tradeoffs for Massive MIMO Systems." Applied Sciences vol. 6, no. 10 (2016): 268. (SCI-indexed)
- [2] **Saba Qasim Jabbar**, Dheyaa Jasim Kadhim and Yu Li, "Developing a Video Buffer Framework for Video Streaming in Cellular Networks." Wireless Communications and Mobile Computing Journal, 2018. (SCI-indexed)
- [3] **Saba Qasim Jabbar**, Dheyaa Jasim Kadhim and Yu Li. "A Proposed Adaptive Bitrate Scheme based on Bandwidth Prediction Algorithm for Smoothly Video Streaming", International Journal of Future Computer and Communication (IJFCC), vol. 7, no. 1 (2018):199-204. (EI Compendex)
- [4] **Saba Qasim Jabbar**, Dheyaa Jasim Kadhim and Yu Li. "An Adaptive Bitrate Algorithm based on Estimation and Video Adaptation for Improving QoE in DASH", International

- Conference on Computer Science, Electronics and Communication Engineering, Wuhan, China, 2018. (EI Compendex)
- [5] **Saba Qasim Jabbar**, Dheyaa Jasim Kadhim and Yu Li, "Proposed an Adaptive Bitrate Algorithm based on Measuring Bandwidth and Video Buffer Occupancy for Providing Smoothly Video Streaming." International Journal of Advanced Computer Science and Applications (IJACSA), 9(2), 2018. (EI Compendex)
- [6] **Saba Qasim Jabbar**, Dheyaa Jasim Kadhim and Yu Li. "Improving Video Quality in DASH Systems by Proposing Adaptive Bitrate Scheme based on Variable Segment Size Approach". International Journal of Computer Applications (IJCA), vol. 180, no. 18 (2018):11-15. (EI Compendex)
- [7] **Saba Qasim Jabbar**, Dheyaa J. Kadhim, and Yu Li. "A Proposed Adaptive Rate Algorithm to Administrate the Video Buffer Occupancy for Smooth Video Streaming", 10th International Conference Internet and Distributed Computing System (IDCS 2017), LNCS-Springer, Fiji, 2017. (EI Compendex)
- [8] **Saba Qasim Jabbar**, Raed A. Aljiznawi, Naseer H. Alkhaaali, and Dheyaa J. Kadhim, "Mobility Management Requirements for Diverse 5G Wireless Networks", Advances in Computer Science Research, volume 44, Atlantis Press, 2017. (EI Compendex)
- [9] Dheyaa J. Kadhim, **Saba Qasim Jabbar**, Xinguo Yu, Yu Li. A New Scheme for QoE Management of Live Video Streaming in Cloud Environment. 8th Pacific-Rim Symposium on Image and Video Technology (PSIVT 2017), LNCS-Springer, Wuhan, China, 2017. (EI Compendex)
- [10] Wisam M. Lafta, **Saba Qasim Jabbar**, and Guangzhi Ma. "Performance Evaluation of Heterogeneous Network Based on RED and WRED." Indonesian Journal of Electrical Engineering and Computer Science vol. 3, no. 3 (2016): 540-545. (EI Compendex)
- [11] Wisam M. Lafta, **Saba Qasim Jabbar**, Dheyaa Jasim Kadhim and Guangzhi Ma. "Heterogeneous Network Performance Improvement Using Proposed OLRED and OLWRED Strategies", International Journal of Future Computer and Communication (IJFCC), vol. 5, no. 5 (2016):199-204. (EI-indexed)
- [12] Wisam M. Lafta, **Saba Qasim Jabbar**, Dheyaa Jasim Kadhim and Guangzhi Ma. "OLWRED: Best Selected Strategy for Data Transmission in Heterogeneous Networks". International Journal of Computer Applications (IJCA), vol. 152, no. 4 (2016):11-15.
- [13] Ahmed A. Khudhair, **Saba Qasim Jabbar**, Mohammed Qasim Sulttan, and Desheng Wang. "Wireless Indoor Localization Systems and Techniques: Survey and Comparative

Study." Indonesian Journal of Electrical Engineering and Computer Science, vol.3, no. 2 (2016): 392-409. (EI-indexed)

- [14] Ahmed A. Khudhair, **Saba Qasim Jabbar** and Desheng Wang. "Fractal Antennas (Study and Review)", International Journal of Computers and Technology, vol. 15, no. 13, 2016.

