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Publication and published Book	<p><u>Journals:</u></p> <ul style="list-style-type: none"> ■ Abusukhon A., Hawasheen, B. (2015) “Text to Barcode Encryption Algorithm” Submitted to : International Journal of Advanced Computer Science and Applications (IJACSA). (ISI indexing). ■ Abusukhon, A., Talib, M., and Almimi, H. (2014) “Distributed Text-to-Image Encryption Algorithm”. <i>International Journal of Computer Applications (IJCA)</i>, 106 (1). [available online at : http://research.ijcaonline.org/volume106/number1/pxc3899518.pdf] ■ Abusukhon, A. (2013) “Block Cipher Encryption for Text-to-Image Algorithm”. <i>International Journal of Computer Engineering and Technology (IJCET)</i>. 4(3) , 50-59. 		

- **Abusukhon, A., Talib, M. and Nabulsi, M. (2012)** "Analyzing the Efficiency of Text-to-Image Encryption Algorithm". [International Journal of Advanced Computer Science and Applications \(IJACSA\) \(ISI indexing\)](#), *3(11)*, 35 – 38.

- **Abusukhon, A., Talib M., Issa, O. (2012)** "Secure Network Communication Based on Text to Image Encryption". International Journal of Cyber-Security and Digital Forensics (IJCSDF), *1(4)*. The Society of Digital Information and Wireless Communications (SDIWC) 2012.

- **Abusukhon, A., M. Talib (2011)** "Analyzing the Load Balance of Term-based Partitioning", *International Journal of Advanced Computer Science and Applications (IJACSA)* , *2(1)*. pp 18-25. (ISI indexing).

- **Abusukhon, A., M. Talib (2010)** "Improving Load Balance and Query Throughput of Distributed IR Systems". *International Journal of Computing & ICT Research (IJCIR)*, *4(1)*, pp. 23-29, June 2010.

- **Abusukhon, A., Oakes, M.P., Ayman M., A. (2009)** "Performance Analysis of Distributed IR Systems: Document-based, Term-based and Hybrid Partitioning". *International Journal of Information Studies (IJIS)*, *1(1)*, P. 40-49.

- Zeyad Mohammad, **Ahmad Abusukhon** and Marzooq A. Al-Maitah (2017) "A COMPARATIVE PERFORMANCE ANALYSIS OF ROUTE REDISTRIBUTION AMONG THREE DIFFERENT ROUTING PROTOCOLS BASED ON OPNET SIMULATION". International Journal of Computer Networks & Communications (IJCNC) Vol.9, No.2, March 2017.

- Zeyad Mohammad, **Ahmad Abusukhon**, Adnan A. Hnaif, Issa S., Al-Otom (2017) Performance Analysis of Route Redistribution among Diverse Dynamic Routing Protocols based on OPNET Simulation. (IJACSA) International Journal of Advanced Computer Science and Applications, Vol. 8, No. 3, 2017.

- Rasmi, M., **Abu sokhon, A.** Sh.Daoud, M., Al-Mimi, H. (2016) A Survey on Single Scalar Point Multiplication Algorithms for Elliptic Curves over Prime Fields. IOSR Journal of Computer Engineering (IOSR-JCE), *18(2)* pp 31-47.

- Nabulsi, M., **Abusukhon, A.** (2013) "An Investigation into the

Logical Operations”. the International Journal of VLSI Design and Communication Systems (VLSICS).

■ M. Talib and **A. Abusukhon** (2008) “Graphics Technology to Model the Problems of Calculus Using Analytical Geometry”, *Journal of System Analysis, Management and Information Technology* (JSAMIT), Vol 5, Kharkiv, NTU “KhPI”, pp 56-65, May 2008.

Conferences

■ **Abusukhon, A.**, Dasooqi, Z, and Talib, M. (2016) A Novel Network Security Algorithm Based on Encrypting Text into a White-page Image. Proceeding of The World Congress on Engineering and Computer Science 2016. International Conference on Internet and Multimedia Technologies 2016 (ICIMT), 19-21 Oct. 2016, USA, Berkeley – San Francisco.

■ Bilal Hawashin, **Ahmad Abusukhon**, and Ayman Mansour (2015) “An Efficient User Interest Extractor for Recommender Systems “. In the proceeding of : The World Congress on Engineering and Computer Science 2015 (WCECS 2015).

■ **Abusukhon, A.**, Talib, M. (2012) A novel Network Security Algorithm Based on Private Key Encryption. The International Conference on Cyber Security, Cyber Warfare and Digital Forensic (CyberSec2012).

■ **Abusukhon, A.** and Oakes, M.P. (2008a) An Investigation into Query Throughput and Load Balance Using Grid IR. In *Proceedings of the 2nd BCS- IRSG Symposium on Future Directions in Information Access FDIA 2008*. BCS London Office, UK, 22nd September 2008, pp. 38-44. eWic: UK.

■ **Abusukhon, A.**, Oakes, M.P., Talib, M. and Abdalla, A. (2008b) Comparison Between Document-based, Term-based and Hybrid Partitioning. In: Snasel, V., Pokorny, J., Pichappan, P., El-Qawasmeh, E., and Ariwa, E. (Eds.). *Proceedings of the First IEEE International Conference on the Application of Digital Information and Web Technologies, ICADIWT 2008*. Ostrava, Czech Republic 4-6 August 2008, pp. 90-95. IEEE Xplore.

■ **Abusukhon, A.**, Talib, M. and Oakes, M.P. (2008c) An Investigation into Improving the Load Balance for Term-Based Partitioning. In: Kaschek, R., Kop, C., Steinberger, C., and Fliedl, G. (Eds.). *Proceedings of UNISCON 2008, the 2nd International United Information Systems Conference*. Klagenfurt, Austria 22-25 April 2008. LNBIP 5, vol. 5, pp. 380-392, Springer-Verlag Berlin

Heidelberg 2008: Germany.

■ **Abusukhon, A.**, Talib, M. and Oakes, M.P. (2008d) Improving the Load Balance for Hybrid Partitioning Scheme by Directing Hybrid Queries. In: Burkhart, H. (Eds.). *Proceedings of the IASTED International Conference on Parallel and Distributed Computing and Networks as part of the 26th IASTED International Multi-Conference on APPLIED INFORMATICS*. Innsbruck, Austria 12-14 February 2008, pp. 238-244. ACTA press: USA.

Books

■ Abusukhon, A. (1996), "Oracle basic concepts". Majdalawi, Amman Jordan.

■ Abusukhon, A. (2012), "Wired and Wireless Networks in Java". (Owned by the publisher Dr. Ahmad Abusukhon).