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Google Scholar: <https://scholar.google.com/citations?hl=ar&pli=1&user=B1dd5zAAAAAJ>

Number of Research Citations: 1818 until Mar. 2025

Date of Birth: April 1, 1964

Marital Status: Married, Five children

Nationality: Jordainian

Mobil: 962-777-645499

Number of Academic Years of Work Experience: 29 Years

EDUCATION:

- Ph.D. (1993-1996), Computer Science/ Artificial Intelligence
Illinois Institute of Technology (IIT) (**469 QS World University Rankings**)
Chicago, IL, USA.
G.P.A (4.0/4.0).
- M. Sc. (1990-1992), Computer Science
Western Michigan University (WMU)
Kalamazoo, MI, USA.
G.P.A (3.75/4.0).
- B. Sc. (1981-1985), Computer Science
Yarmouk University
Irbid, Jordan.
G.P.A (%84.6) (First rank)

RESEARCH INTEREST:

Natural Language Processing, Information Retrieval, Data
Compression, Big Data, Data Mining, Encryption, Letter Recognition

CONSULTING EXPERIENCE:

- Member of the Committee Formed by Abdul Hameed Shoman Foundation to Evaluate and Select the best Researcher in the year 2019 among Researchers in all over the Arab World.
- Founder of Business Incubator at Amman Arab University
- Chairman of the Supreme Council for Business Incubator and Community Initiatives
- More than 20 years in Administrative Work.
- Chairman of the Committee to Evaluate the Entrepreneurial Projects
- Giving Several Training Sessions in Artificial Intelligence
- Giving Several Training Sessions in Windows NT Operating System in USA.
- Data Management and Strategy Consultation.
- Member of the Higher Committee to build the Strategic Plan of Amman Arab University.
- Arbitrator Member of many Promotion Forms for Faculty Members in Different Universities Around the Arab World .

ACADEMIC EXPERIENCE:

Full Professor: Jadara University-Jordan. Mar. 2025-till now

Full Professor: Irbid National University-Jordan. Oct. 2023-Feb. 2025.

Full Professor: Applied Science University-Bahrain Sep. 2021 till Aug. 2023

Full Professor: Amman Arab University-Jordan Sep. 2011 till Sep. 2019

Full Professor: University of Petra /Sep. 2010 Aug. 2011.

Full Professor: The Arab Academy for Banking & Financial Science/ Aug. 2009 till Sep. 2010.

Associate Professor: The Arab Academy for Banking & Financial Science/ Sep. 2006.

Associate Professor: Amman Al-Ahliyya University/Computer Information System department, Sep. 2005 – Sep. 2006.

Assistant Professor: Yarmouk University/ Computer Science Department, Sep. 1998 – Sep. 2005.

Assistant Professor: Robert Morris College (Chicago/USA) Sep. 1996 - June 1998.

Teaching Assistant: Department of Computer Science (IIT / Chicago/USA), Sep. 1993 - May 1996.

Teacher Assistant: Computer Science Department (WMU / USA), Sep. 1990 - Dec. 1992.

Teacher Assistant: Western Michigan University (USA), Sep. 1991- Apr. 1992.

Tutor: Western Michigan University (USA), Dec. 1990 - Aug. 1991.

Teaching Assistant: Yarmouk University / Computer Science Department, Sep. 1987 - Aug. 1990.

LIST OF ACCOMPLISHMENTS

- Dean of Research and Graduate Studies / Applied Science University-Bahrain (Sep. 2021 till Aug. 2023)
- Dean of Scientific Research and Graduate Studies / Amman Arab University, Amman-Jordan (Sep. 2014 – till Sep. 2019)
- Dean of Business college / Amman Arab University, Amman-Jordan (Sep. 2012 – Sep. 2013)
- Chairperson of Management Information System / Amman arab university, Amman-Jordan (Sep. 2011 – Sep. 2012)
- Chairperson of Computer Information System / The Arab Academy For Banking & Financial Science, Amman-Jordan (Sep. 2006 – Sep. 2010).
- Supervised Many PHD thesis students.
- Vice Dean/Information Technology College. Amman Al-Ahliyya University, Amman-Jordan (Sep. 2005 – Sep. 2006).
- Chairperson of Computer Science Department / Yarmouk University, Irbid - Jordan (Sep. 2002 – Sep. 2005).
- Prepared with other colleague a new Computer Science Curriculum (2002).
- Prepared with other colleague a new Computer Information System Curriculum (2002).
- Prepared with other colleague a new Management Information System Curriculum (2002).
- Prepared with other colleague a new Computer Science Curriculum for Master Degree (2003).
- Supervise 75 graduate students in CS department / Yarmouk University.
- A committee member of many Master's thesis.

PROJECTS:

Summer Employment: May 1995 - Aug. 1995, at (IIT/ Chicago-USA), Installation, Termination, and Certification of IEEE 802.3 10BASE-T Standards Based Cabling System. Worked on a Project to Install/Activate 10BASE-T Ethernet connections through the (IIT) main campus student Dormitories.

Class Project: Sep. 1991 - Dec. 1991, (WMU / USA), Designed and Implemented a Distributed Database System using Pascal embedded with SQL.

LANGUAGES AND SOFTWARE:

C++, COBOL, Visual BASIC, SQL, FORTRAN, Lisp, MS-OFFICE, Lotus, Magic, DBASE-III+, SLAM.

SYSTEMS AND MACHINES:

VAX-VMS, SUN-UNIX, IBM-PC-DOS/WINDOWS , MACINTOSH, WANG.

TEACHING COURSES:

Under Graduate Courses:

- Visual Basic
- C++
- Computer Skills
- Fundamentals of Information Technology
- Theory of Computation
- Artificial Intelligence
- Data Communication and Computer Networks
- Operating Systems
- Compiler Design
- Database
- Computer Ethics
- System Analysis
- Cryptography and Network Security
- Data Structure

Graduate Courses:

- Advanced Artificial Intelligence
- Advanced Operating Systems
- Natural Language Processing
- Cryptography and Network Security
- Advanced System Analysis
- Advanced DataBase Management
- Graduation Projects

HONORS:

- A scholarship from Yarmouk University to obtain a Ph. D. degree in Computer Science from Illinois Institute of Technology.
- Teaching Assistantship from Illinois Institute of Technology 9/1993 - 6/1996.
- A scholarship from Western Michigan University to obtain a Master degree in Computer Science.
- Graduated with high honor from Illinois Institute of Technology.
- Graduated with high honor from Western Michigan University.
- Graduated with high honor from Yarmouk University (**FIRST RANK**).

COMMITTEES:

- Member of the University Council / Applied Science University-Bahrain (Sep. 2021 till now).
- Member of the University Research and Innovation and Research Ethics Committee / Applied Science University-Bahrain (Sep. 2021 till now).
- Member of the University Promosion Committee / Applied Science University-Bahrain (Sep. 2021 till now).
- Member of the Dean Council /Amman Arab University (2014-till Sep. 2019).
- Member of the University Council /Amman Arab University (2014-till Sep. 2016).
- Head of Graduate Studies committee/ Amman Arab University (2014-till Sep. 2019).

- Head of Scientific Research committee/ Amman Arab University (2014-till Se.p/ 2019).
- Member of the Faculty of IT Council/ The Arab Academy For Banking & Financial Science.
- Member of the Faculty of IT Council/ Amman Alahlia University.
- Member of the Faculty of IT Council Member of the Yarmouk University Council (2004/2005).
- Member of the Yarmouk University and Society Committee.
- Member of the study Schedule Committee for the Faculty of Science, IT and Hajjawi Faculty.
- Member of the Faculty of IT Council – Yarmouk University.
- Member of Curriculum Committee.
- Member of Faculty Student Affairs Committee.
- Member of the Faculty Development and Planning Committee.
- Representative of Computer Science Department in the Faculty of Science Council.
- Member of the Scientific Committee.
- Member of the Study Schedule Committee.
- Member of the Budget Committee.
- Member of the Graduate studies Committee.
- Member of the Student Investigation Committee.
- Chairman of the Post Graduate Committee.
- Member of Comprehensive Exam Committee for Master Students.

WORKSHOPS:

- CISCO (CCAI certified).
- ICDL certified.
- Basic Web Technology Skills For Courseware Development. University of Jordan 8-12 Oct. 2000.
- Troubleshooting, Maintaining and Upgrading PCs. (Chicago, USA) 1-4 Apr. 1998.
- Network and Data Communications. Strategic Seminars, Inc. (Chicago, USA) 6-11 March 1997.
- Computer Aided Drafting AutoCad. Yarmouk University, 26-30 Jan 1988.

CHAPTER IN BOOK:

Ghwanmeh S., Kanaan G., Al-Shalabi R., Ababneh A. (2009). An Enhanced Text-Classification-Based Arabic Information Retrieval System. **In The Book “Utilizing Information Technology Systems Across Disciplines: Advancements in the Application of Computer Science”**. Idea group Inc. (IGI), USA.

JOURNAL PUBLICATIONS:

- [1] H Zhang, J Xu, L Lei, Q Jianlin, Alshalabi R. (2023). A sentiment analysis method based on bidirectional long short-term memory networks. **Applied Mathematics and Nonlinear Sciences**, Vol. 8.
- [2] Pan, L., Alshalabi, R., Li, P., Naminse, E., and Tan, F. (2023). Analysis of digital humanistic knowledge production based on natural language processing. **Applied Mathematics and Nonlinear Sciences**.
- [3] Kanan, T., Mughaid, A., Al-Shalabi, R. et al. (2023). Business intelligence using deep learning techniques for social media contents. **Cluster Computing Journal**. 26 (2), 1285-1296.
- [4] Jie D., Yuan J., Yuan W., Junfeng T., Alshalabi R. (2023). Graphical Modular Power Technology of Distribution Network Based on Machine Learning Statistical Mathematical Equation. **Applied Mathematics and Nonlinear Sciences**. Vol. 8, N°. 1.
- [5] Rasha M., Rayan A., Osama R., Ahmed E., Amr A., Ahmed I., and Alshalabi R. (2022). An Effective Data Science Technique for IoT-Assisted Healthcare Monitoring System with a Rapid Adoption of Cloud Computing. **Computational Intelligence and Neuroscience**. Vol. 2022.
- [6] A Maqbool, C Sharma, MA Lone, Alshalabi R. (2022). Intuitionistic Fuzzy Programming Technique to Solve Multi-objective Transportation Problem. **Information Sciences letters**. Vol 11.
- [7] El-Saka, H., Arfa, A., Alshalabi, R., & Gouda, M.(2022). Dynamical Analysis of a Fractional SIRS Model on Complex Heterogeneous Networks. **Information Sciences Letters**. Vol. 11, No. 1, 29-36.
- [8] Maqbool A., Sharma Ch., Lone, M., and Alshalabi, R. (2022). Intuitionistic Fuzzy Programming Technique to Solve Multi- Objective Transportation Problem. **Information Sciences Letters Journal**: Vol. 11 : Iss. 4.
- [9] G Ma, Q Guo, Alshalabi R. (2022). Data structure simulation for the reform of the teaching process of university computer courses. **Applied Mathematics and Nonlinear Sciences**.
- [10] J Sun, K Yang, Alshalabi R. (2022). The Security of Database Network Model Based on Fractional Differential Equations. **Applied Mathematics and Nonlinear Sciences**.
- [11] Al-Shalabi R. (2022). A Priority Based Approach for Stemming Arabic Word. **Applied Science University Journal**. Vol. 6 No. 2.
- [12] S Xu, L Chen, Alshalabi R. (2022). Information transmission simulation of Internet of things communication nodes under collision free probability equation. **Applied Mathematics and Nonlinear Sciences**.

- [13] Kanan, T., Kanan, G., Alshalabi, R., & Aldaaja, A. (2021). Offensive Language Detection in Social Networks for Arabic Language Clustering Techniques. **International Journal of Advances in Soft Computing and its Applications (IJASCA)**. Vol. 13, Issues 2.
- [14] Zamzam, H. & Al-Shalabi, R. (2019). The Impact of Management Information Systems on Business Intelligence. **Amman Arab University Research Journal**. Vol. 2, No. 1.
- [15] Alsmearat, K., Al-Ayyoub, M., Al-Shalabi, R., & Kanaan, G. (2017). Author gender identification from Arabic text. **Journal of Information Security and Applications**. Vol. 35, 85-95.
- [16] Altaha, A., and Al-Shalabi, R. (2017). The Impact of Management Information Systems on the Enhancement Lean Production in Industrial Companies. **Arab Journal of Sciences & Research Publishing**. Vol. 1, No. 7.
- [17] Nuseir A., Al-Ayyoub M., Al-Kabi M., Kanaan G., and Al-Shalabi R. (2017). Improved Hierarchical Classifiers for Multi-Way Sentiment Analysis. **The International Arab Journal of Information Technology (IAJIT)**, 14.
- [18] Al-Rawashdeh, M., Al-Shalabi, R. (2017). The Impact of Management Information Systems on the Enhancement of Transparency in Jordanian Ministry of Youth. **Amman Arab University Research Journal**. Vol. 1, No. 1.
- [19] Alzubi, A., Kanaan G., Kanaan T., and Al-Shalabi R. (2016). Routing Protocols In Large Scale Wireless Sensor Networks –A Survey. **International Journal of Advanced Studies in Computer Science and Engineering**. Vol. 5, issue 11.
- [20] Aldabbas O., Al-Shalabi R, Kanaan G., Shehab M., Albadarneh M., and Mahyoub N. (2016). Arabic Light stemmer Based on regular Expression technique. **International Journal of Advanced Studies in Computer Science and Engineering**. Vol. 5, issue 11.
- [21] Al-Ayyoub, M., Nuseir, A., Kanaan, G., and Al-Shalabi, R. (2016). Hierarchical Classifiers for Multi-Way Sentiment Analysis of Arabic Reviews. **International Journal of Advanced Computer Science and Applications**, 7(2), 531-539.
- [22] Ghazi R., Al-Shalabi R., Kanaan G. and Nassar A. (2015). Different Classification Algorithms Based on Arabic Text Classification: Feature Selection Comparative Study. **International Journal of Advanced Computer Science and Applications**. Vol. 6, No. 2.
- [23] Najadat, F., Kanaan, G., Kanaan, R., Aldabbas, O., and Al-Shalabi, R. (2013). Genetic Algorithm Solution of the Knapsack Problem Used in Finding Full Issues in the Holy Quran Based on the Number (19). **Computer and Information Science** 6(2): 18-30.

- [24] Ababneh, M., Al-Shalabi, R., Kanaan, G., and Al-Nobani, A. (2012). Building an effective rule-based light stemmer for arabic language to improve search effectiveness. **The International Arab Journal of Information Technology**. 9(4): 368-372.
- [25] Al-Shalabi, R., Kanaan, G., Al-Sarayreh, B., Khanfar, K., Al-Ghonmein, A., Talhouni, H., and Al-Azazmeh, S. (2011). Proper Noun Extracting Algorithm for Arabic Language. **International Journal of the Computer, the Internet and Management**, Volume 19 No. 1.
- [26] Hmeidi, I., Al-Shalabi, R., Al-Taani, A., Najadat, H., and Al-Hazaimah, Sh. (2010), A novel approach to the extraction of roots from Arabic words using bigrams. **JASIST**: 583~591
- [27] Kanaan G., Hammouri A., Al-Shalabi R., and Sawalha M. (2009). A New Question answering System for the Arabic Language. **American Journal of Applied Sciences**. 5(4): 797-805.
- [28] Al-Kabi M., Kanaan G., Al-Shalabi R., Zaghal N., Salah Z., and Hammad M. (2009). Stem-Based Query expansion for Arabic Corpus. **Abhath Al-Yarmouk Journal: Basis Sci. & Eng.**, 18(2): 227-246.
- [27] Al-Shalabi R., Ghwanmeh S., Kanaan G., and Nour F. (2009). Effect of Excessive Letter Location in Arabic Lexical Items: a Stemmer Algorithm Approach. **Abhath Al-Yarmouk Journal: Basis Sci. & Eng.**, 18(1).
- [30] Ghwanmeh, S., Kanaan, G., Al-Shalabi, R., and Rabab'ah, S. (2009). Enhanced Algorithm for Extracting the Root of Arabic Words. **In CGIV** 388-391.
- [31] Kanaan G., Al-Shalabi R., Ghwanmeh S., and Al-Ma'adeed H. (2008). A Comparison of Text Classification Techniques Applied to Arabic Language. **Accepted for publication in Journal of American Society for Information Science and Technology (JASIST)**.
- [32] Ghwanmeh S., Al-Shalabi R. and Kanaan G. (2008). Enhanced Data Security Scheme using Key Position Algorithm Applied on arabic Language. **Abhath Al-Yarmouk Journal: Basis Sci. & Eng.**, 17(1B): 165-176.
- [33] Abu Shaar, S, Masoud, F., Murad, A., Al-Shalabi, R., Kanaan, G. (2006). Analysis of Enhanced Associativity Based Routing Protocol. **Journal of Computer Science**, 12(2): 853-858.
- [34] Ghwanmeh S., Al-Shalabi R. and Kanaan G. (2006). "Efficient Data Compression Scheme using Dynamic Huffman Code Applied on Arabic Language", **American Journal of Applied Sciences**, 3(12): 887-890.
- [35] Ghwanmeh S., Al-Shalabi R., Kanaan G., and Alnemi L. (2006). Enhanced Neural Networks Model Based on a Single Layer Linear Counterpropagation for Prediction and Function Approximation, **Information Technology Journal**, 5(1): 45-50.

- [36] Ghwanmeh S., Kanaan G., Al-Shalabi R., Kan'an T. and Al-Azzam O. (2005). Mining Text in the Arabic Language Keywords Distribution, **Abhath Al-Yarmouk Journal: Basis Sci. & Eng.**, 4(2): 339-355.
- [37] Ghwanmeh S., Kanaan G., Al-Shalabi R., Gharaibeh J. and Samara S. (2005). Comparison between Inverted and Signature Files based on Arabic Documents, **International Journal of Applied Science and Computations**, 12(3): 174-193.
- [38] Ghwanmeh S., Kanaan G., Al-Shalabi R. and Alsrehin N. (2005). Automatic Query Expansion for Arabic Text Retrieval System Based on an Association Clustering Thesaurus, **Information Technology Journal**. 4(4): 476-483.
- [39] Al-Shalabi, R. and Kanaan, G. (2005). Constructing An Automatic Lexicon for Arabic Language. **International Journal of Computing and Information Sciences - (IJCIS)**. 2(2):114-128.
- [40] Al-Shalabi, R., Kanaan, G., Abu-Alrub, M., Nahar, K., and Al-Modallal, M. (2005). N-Gram: a Method of Conflating Terms, An Approach to Text Categorization and Question Answering Systems in the Arabic Language. **International Journal of Applied Science & Computations**. 12(1).
- [41] Kanaan, G., Al-Shalabi, R., Abu-Alrub, M., and Rawashdeh, M. (2005). Relevance Feedback: Experimenting with a Simple Arabic Information Retrieval System with Evaluation. **International Journal of Applied Science & Computations**. 12(2).
- [42] Kanaan, G., Al-Shalabi, R., and Al-Kabi, M. (2005). New Approach for Extracting Quadrilateral Arabic Roots. **Abhath Al-Yarmouk, Basic Science and Engineering**. Vol 14(1): 51-66.
- [43] Kanaan, G., Al-Shalabi, R., and Sawalha, M. (2005). Improving Arabic Information Retrieval Systems Using Part of Speech Tagging. **Information Technology Journal**. 4(1): 32-37.
- [44] Al-Shalabi, R., Kanaan, G., Hilat, I., Ababneh, A., and Al-Zubi, A. (2005). Experiments with the Successor Variety Algorithm Using the Cutoff and Entropy Methods. **Information Technology Journal**. 4(1): 55-62.
- [45] Al-Kabi, M., Kanaan, G., Al-Shalabi, R., Nahar, K., and Bani-Ismail, B. (2005). Statistical Classifier of the Holy Quran Verses (Fatiha and Yaseen Chapters). **Journal of Applied Sciences**. 5(3): 580-583.
- [46] Al-Kabi, M., Kanaan, G., Al-Shalabi, R., Al-Sinjilawi, S., and Al-Mustafa, R. (2005). Al-Hadith Text Classifier. **Journal of Applied Sciences**. 5(3): 584-587.

- [47] Kanaan, G., Al-Shalabi, R., Al-Zamil, M., and Saifan, A. (2004). Comparison between Ad-hoc Retrieval and Filtering Retrieval using Arabic Documents. **International Journal of Computer Processing of Oriental Languages**. 17(3): 1-19.
- [48] Al-Shalabi, R., Kanaan, G., and Maghayreh, E. (2003). Bottom-Up Chart Parser for Arabic Sentences. **International Journal of Applied Science & Computations**. 10(2):100- 109.
- [49] الشلبي، رياض و كنعان، غسان و الجراح، أحمد. (2003). نظام حاسوبي لتحليل بحور الشعر العربي ومعرفتها. أبحاث البرموك "سلسلة العلوم الأساسية والهندسية". 12(2): 37-60.

CONFERENCES:

- [1] Al-Shalabi R., G. Kanaan, T. Kanan and M. ElBes (2022). A Review Study for Arabic Machine Learning and Deep Learning Methods. **2022 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETIS)**, Manama, Bahrain, 2022, pp. 225-232.
- [2] K. W. Al-Mansoori and Al-Shalabi R. (2022). Sentiment Analysis Algorithm for Arabic Reviews on the Movies Domain. **2022 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETIS)**, Manama, Bahrain, 2022, pp. 126-130.
- [3] A. K. Jassim AL-Shamary, Q. M. Yas, A. M. Badr, AlShalabi R. and S. H. Aldulaimi (2022). Multi Criteria Decision Making Technique for Evaluation and Selection performance Large Scale Data of Composite Materials, **2022 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETIS)**, Manama, Bahrain, 2022, pp. 96-103.
- [4] J. Alawadhi, A. M. AlJanabi, M. A. Khder, B. J. A. Ali and R. F. Al-Shalabi (2022). Internet of Things (IoT) Security Risks: Challenges for Business, **2022 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETIS)**, Manama, Bahrain, pp. 450-456.
- [5] R. Al-Shalabi, G. Kanaan, T. Kanan and M. ElBes (2022). A Review Study for Arabic Machine Learning and Deep Learning Methods, **2022 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETIS)**, pp. 225-232, doi: 10.1109/ICETIS55481.2022.9888948.
- [6] K. W. Al-Mansoori and R. Al-Shalabi (2022). Sentiment Analysis Algorithm for Arabic Reviews on the Movies Domain, **2022 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETIS)**, pp. 126-130, doi: 10.1109/ICETIS55481.2022.9888804.

- [7] A. K. Jassim AL-Shamary, Q. M. Yas, A. M. Badr, R. A. Shalabi and S. H. Aldulaimi (2022). Multi Criteria Decision Making Technique for Evaluation and Selection performance Large Scale Data of Composite Materials, **2022 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETISIS)**, pp. 96-103, doi: 10.1109/ICETISIS55481.2022.9888862.
- [8] J. Alawadhi, A. M. AlJanabi, M. A. Khder, B. J. A. Ali and R. F. Al-Shalabi (2022). Internet of Things (IoT) Security Risks: Challenges for Business, **2022 ASU International Conference in Emerging Technologies for Sustainability and Intelligent Systems (ICETISIS)**, pp. 450-456, doi: 10.1109/ICETISIS55481.2022.9888930.
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- [10] Al-Shalabi R., Kanaan, G., Al-Sarhan, H., Drabsh A., & Al-Husban I. (2017). Evaluating Machine Translations From Arabic Into English And Vice Versa”. **3rd International Conference on Engineering, Management, Technology and Science 2017 (ICEMTS)**. Dubi.
- [11] Al-Sameraee, Sh., and Al-Shalabi, R. (2016). The Relationship between Trust Factors and Users Satisfaction in E-Commerce Service. **The First International Conference on Business “New Trends of Business”**. Amman-Jordan.
- [12] Zubi, A., Kanaan G., Alshalabi R., Kanaan T. (2016). Routing Protocols In Large Scale Wireless Sensor Networks – A Survey. **The First International Computer sciences and Informatics conference**. Amman-Jordan.
- [13] Alsmearat K., Shehab M., Al-Ayyoub M., Al-Shalabi R., and Kanaan G. (2015). Emotion Analysis of Arabic Articles and Its Impact on Identifying the Author’s gender. **The 12th ACS/IEEE International Conference On Computer Systems And Applications (AICCSA 2015)**. Marrakech-Morocco.
- [14] Alsmearat K., Al-Ayyoub M., and Al-Shalabi R. (2014). An Extensive Study of the Bag-of-Words Approach to Gender Identification of Arabic Articles. **The 11th ACS/IEEE International Conference On Computer Systems And Applications (AICCSA 2014)**. Doha-Qater
- [15] Abu Hilal T., Abu Hilal H., Al Shalabi R., and Daqrouq K. (2011). Speaker Verification System Using Discrete Wavelet Transform And Formants Extraction Based On The Correlation Coefficient. **Procceding of International Multiconference of Engineers and Computer Scientists (IMECS 2011)** Vol. II. Hong Kong.
- [16] Al-Sarrayrih H., and Al-Shalabi R. (2009). Clustering arabic Documents Using Frequent Itemset-Based Hierarchical Clustering with N-Grams. **The International Conference on Information Technology (ICIT’2009)** .Amman- Jordan .

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- [18] Al-Shalabi R., Kanaan G., Yaseen M., Al-Sarayreh B. and A. Al-Naji N. (2009). **Arabic Query Expansion Using Interactive Word Sense Disambiguation**. 2nd International Conference on Arabic Language Resources and Tools. Cairo
- [19] Al-Shalabi R., Kanaan G., Al-Sarayreh B., Al-Gonmein A., Talhoni H., and Al-Azazmeh S. (2008). Proper Noun Extracting Algorithm for Arabic language. **ACIT 2008**. Tunisia.
- [20] Al-Shalabi R., Obeidat R., (2008). Improving KNN Arabic Text Classification with N-Grams Based Document Indexing. **Proceedings of the Sixth International Conference on Informatics and Systems**. March 27-29, 2008. Cairo, Egypt.
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- [24] Al-Shalabi R., Kanaan G., Ghwanmeh S., and Nour, F. (2007). Stemmer Algorithm for Arabic Words Based on Excessive Letter Locations. **Proceedings of the 4th International Conference on Innovations in Information Technology**. Nov 18-20, 2007. Dubi, United Arab Emirates.
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