

1. Abbas, W.A.K., Azar, N.G., Haddad, L.G. & Umlauf, M.G. 2008, "Preconception health status of Iraqi women after trade embargo", *Public Health Nursing*, vol. 25, no. 4, pp. 295-303.
2. Abdula, A.M., Khalaf, R.A., Mubarak, M.S. & Taha, M.O. 2011, "Discovery of new  $\beta$ - D - galactosidase inhibitors via pharmacophore modeling and QSAR analysis followed by in silico screening", *Journal of Computational Chemistry*, vol. 32, no. 3, pp. 463-482.
3. Abo-Izreik, A. 2011, "Aestimation of cracks behavior in rock's Massif with underground structures", *Journal of Applied Sciences Research*, vol. 7, no. 3, pp. 340-345.
4. Abo-Izreik, A. 2011, "One approach to assessing the fragility of the (Crack Resistance) rock formations", *European Journal of Scientific Research*, vol. 51, no. 2, pp. 254-259.
5. Abo-Izreik, A. 2010, "Probabilistic model of brittle fracture of geomaterials", *Advances in Natural and Applied Sciences*, vol. 4, no. 2, pp. 117-123.
6. Abo-Izreik, A. & Abu-Zreig, M. 2012, "Soil reclamation and drainage with evaporation drainage methods", *American Society of Agricultural and Biological Engineers Annual International Meeting 2012, ASABE 2012*, pp. 4968.
7. Aboyassin, N.A. & Abood, N. 2013, "The effect of ineffective leadership on individual and organizational performance in Jordanian institutions", *Competitiveness Review*, vol. 23, no. 1, pp. 68-84.
8. Aboyassin, N.A., Alnsour, M. & Alkloub, M. 2011, "Achieving total quality management using knowledge management practices: A field study at the jordanian insurance sector", *International Journal of Commerce and Management*, vol. 21, no. 4, pp. 394-409.
9. Abu Khalaf, R., Abdula, A.M., Mubarak, M.S. & Taha, M.O. 2015, "Tryptophan and thiosemicarbazide derivatives: Design, synthesis, and biological evaluation as potential  $\beta$ -D-galactosidase and  $\beta$ -D-glucosidase inhibitors", *Medicinal Chemistry Research*, vol. 24, no. 6, pp. 2529-2550.
10. Abu Khalaf, R., Abu Sheikha, G., Bustanji, Y. & Taha, M.O. 2010, "Discovery of new cholesteryl ester transfer protein inhibitors via ligand-based pharmacophore modeling and QSAR analysis followed by synthetic exploration", *European journal of medicinal chemistry*, vol. 45, no. 4, pp. 1598-1617.

11. Abu Khalaf, R., Jarekji, Z., Al-Qirim, T., Sabbah, D. & Shattat, G. 2015, "Pharmacophore modeling and molecular docking studies of acridines as potential DPP-IV inhibitors", *Canadian Journal of Chemistry*, vol. 93, no. 7, pp. 721-729.
12. Abu Khalaf, R., Sheikha, G.A., Al-Sha'Er, M. & Taha, M. 2013, "Design, synthesis and biological evaluation of N4-sulfonamido-succinamic, phthalamic, acrylic and benzoyl acetic acid derivatives as potential DPP IV inhibitors", *Open Medicinal Chemistry Journal*, vol. 7, no. 1, pp. 39-48.
13. Abu Mallouh, M., Abdelhafez, E., Salah, M., Hamdan, M., Surgenor, B. & Youssef, M. 2014, "Model development and analysis of a mid-sized hybrid fuel cell/battery vehicle with a representative driving cycle", *Journal of Power Sources*, vol. 260, pp. 62-71.
14. Abu Mallouh, M., Salah, M., Surgenor, B.W., Abdelhafez, E., Hamdan, A. & Hamdan, M. 2014, "Performance comparison of different power management control strategies for a hybrid fuel cell/battery vehicle", *ASME 2014 12th Biennial Conference on Engineering Systems Design and Analysis, ESDA 2014*.
15. Abu Mallouh, M., Surgenor, B.W., Abdelhafez, E., Salah, M. & Hamdan, M. 2014, "Development of a driving cycle for Amman city with performance evaluation for ice vehicle", *ASME 2014 12th Biennial Conference on Engineering Systems Design and Analysis, ESDA 2014*.
16. Abu Sheikha, G.M., Bkhaitan, M.M., Al-Hourani, R.A., Qaisi, A.M., Loddo, R. & La Colla, P. 2007, "Synthesis and in vitro antiviral studies of bis (pivaloyloxymethyl) ester derivative of 9-{{(phosphonomethyl) aziridin-1-yl)methyl} adenine (PMAMA) and analogues", *Saudi Pharmaceutical Journal*, vol. 15, no. 1, pp. 16-22.
17. Abu-Al-Futuh, I.M., Abdelfageed, O.H., Jamil, R.M. & Avato, P. 2000, "A piperitenone oxide chemotype of *Mentha longifolia* (L.) huds. growing wild in Jordan", *Journal of Essential Oil Research*, vol. 12, no. 5, pp. 530-532.
18. Abu-Elteen, K.H. 1997, "Gastrointestinal distribution of *Candida albicans* in orally infected infant mice: SEM studies", *Biomedical Letters*, vol. 56, no. 223-224, pp. 159-170.
19. Abu-Elteen, K.H., Abderrahman, S. & Sallal, A.-J. 1997, "Isolation of *Candida* species from domestic sewage in Jordan", *Cytobios*, vol. 1996, no. 360, pp. 41-45.

20. Abu-Elteen, K.H., Abdul Malek, A.M.M. & Abdul Wahid, N.A. 1997, "Prevalence and susceptibility of vaginal yeast isolates in Jordan", *Mycoses*, vol. 40, no. 5-6, pp. 179-185.
21. Abu-Elteen, K.H. & Abu-Alteen, R.M. 1998, "The prevalence of Candida albicans populations in the mouths of complete denture wearers", *New Microbiologica*, vol. 21, no. 1, pp. 41-48.
22. Abu-Elteen, K.H. & Whittaker, P.A. 1997, "Effect of sub-inhibitory concentration of chlorhexidine on lipid and sterol composition of Candida albicans", *Mycopathologia*, vol. 140, no. 2, pp. 69-76.
23. Abu-Hammad, A., Zalloum, W.A., Zalloum, H., Abu-Sheikha, G. & Taha, M.O. 2009, "Homology modeling of MCH1 receptor and validation by docking/scoring and protein-aligned CoMFA", *European journal of medicinal chemistry*, vol. 44, no. 6, pp. 2583-2596.
24. AbuRuz, S.M., Al-Ghazawi, M.A., Bulatova, N., Jarab, A.S., Alawwa, I.A. & Al-Saleh, A. 2012, "Expectations and experiences of physicians regarding pharmaceutical care and the expanding role of pharmacists in Jordan", *Jordan Journal of Pharmaceutical Sciences*, vol. 5, no. 1, pp. 74-86.
25. Aburuz, S.M., Alrashdan, Y., Jarab, A., Jaber, D. & Alawwa, I.A. 2013, "Evaluation of the impact of pharmaceutical care service on hospitalized patients with chronic kidney disease in Jordan", *International Journal of Clinical Pharmacy*, vol. 35, no. 5, pp. 780-789.
26. Abu-Samak, M., Khazaie, R., Khataibeh, M. & Mahmoud, F. 2007, "Melanocyte-stimulating hormone modulates blood viscosity in short-term alloxan-induced diabetic rats", *Journal of Biological Sciences*, vol. 7, no. 4, pp. 701-705.
27. Abu-Samak, M., Mahmoud, F., Khataibeh, M., Hamdan, S. & Crevoi, A. 2006, "Effects of melanocyte-stimulating hormone on plasma levels of testosterone and estradiol hormones in alloxan-induced diabetic rats", *Pakistan Journal of Biological Sciences*, vol. 9, no. 7, pp. 1350-1353.
28. Abushihab, I. 2012, "Syntactic contrastive analysis of Turkish and English", *Dacoromania*, vol. 17, no. 2, pp. 230-244.
29. Abusukhon, A., Oakes, M.P., Talib, M. & Abdalla, A.M. 2008, "Comparison between document-based, term-based and hybrid partitioning", *1st International Conference on the Applications of Digital Information and Web Technologies, ICADIWT 2008*, pp. 90.

30. Abusukhon, A. & Talib, M. 2012, "A novel network security algorithm based on private key encryption", *Proceedings 2012 International Conference on Cyber Security, Cyber Warfare and Digital Forensic, CyberSec 2012*, pp. 33.
31. Abu-Zreig, M., Abe, Y., Isoda, H. & Abo-Izreik, A. 2007, "Land drainage with evaporation drainage method", *2007 ASABE Annual International Meeting, Technical Papers*.
32. Abu-Zreig, M., Abo-Izreik, A. & Abd Elbasit, M.A. 2012, "Water seepage rate from clay emitters", *American Society of Agricultural and Biological Engineers Annual International Meeting 2012, ASABE 2012*, pp. 4960.
33. Ahmad, H.A. 2012, "The best candidates method for solving optimization problems", *Journal of Computer Science*, vol. 8, no. 5, pp. 711-715.
34. Al Ganideh, S.F. & El Refae, G.A. 2010, "Socio- Psychological variables as antecedents to consumer ethnocentrism: A fuzzy logic based analysis study", *Annual Conference of the North American Fuzzy Information Processing Society - NAFIPS*.
35. Al Ganideh, S.F., El Refae, G.A. & Aljanaideh, M. 2011, "Can fuzzy logic predict consumer ethnocentric tendencies? An empirical analysis in Jordan", *Annual Conference of the North American Fuzzy Information Processing Society - NAFIPS*.
36. Al Ganideh, S.F. & Good, L.K. 2016, "The magic of soccer: Transforming animosity into love (An empirical study of Arab fans and major European soccer leagues)", *International Journal of Sport and Exercise Psychology*, , pp. 1-16.
37. Al Mobaideen, W., Mimi, H.M., Masoud, F.A. & Qaddoura, E. 2007, "Performance evaluation of multicast ad hoc on-demand distance vector protocol", *Computer Communications*, vol. 30, no. 9, pp. 1931-1941.
38. Al Omoush, K.S. 2014, *Toward an ethical framework for web-based collective intelligence*.
39. Al Omoush, K.S., Yaseen, S.G. & Atwah Alma'Aitah, M. 2012, "The impact of Arab cultural values on online social networking: The case of Facebook", *Computers in Human Behavior*, vol. 28, no. 6, pp. 2387-2399.
40. Al Salami, N.M.A. 2010, *Analysing multiobjective fitness function with finite state automata*.
41. Al Sallami, N.M. 2013, "Load balancing in green cloud computation", *Lecture Notes in Engineering and Computer Science*, pp. 798.

42. Al Sorkhy, M., Ferraiuolo, R.-., Jalili, E., Malysa, A., Fratiloiu, A.R., Sloane, B.F. & Porter, L.A. 2012, "The cyclin-like protein Spy1/RINGO promotes mammary transformation and is elevated in human breast cancer", *BMC Cancer*, vol. 12.
43. Al-alak, B.A. 2014, "Impact of marketing activities on relationship quality in the Malaysian banking sector", *Journal of Retailing and Consumer Services*, vol. 21, no. 3, pp. 347-356.
44. Al-Alak, B.A.M. 2010, "Impact of marketing actions on relationship quality in the health and fitness sector in Jordan and its implications for social marketing: A field/analytical study", *Social Marketing Quarterly*, vol. 16, no. 2, pp. 70-93.
45. Al-Alak, B.A.M. 2006, "The impact of marketing actions on relationship quality in the higher education sector in Jordan", *Journal of Marketing for Higher Education*, vol. 16, no. 2, pp. 1-23.
46. Al-Allaf, O.N.A. 2015, *Performance analysis of MATLAB parallel computing approaches to implement genetic algorithm for image compression*.
47. Al-Allaf, O.N.A. 2014, "ParFor and co-distributor parallel approaches for implementing fractal image compression based genetic algorithm", *Proceedings of 2014 Science and Information Conference, SAI 2014*, pp. 345.
48. Al-Allaf, O.N.A. 2013, "Hybrid web engineering process model for the development of large scale web applications", *Journal of Theoretical and Applied Information Technology*, vol. 53, no. 1, pp. 131-140.
49. Al-Allaf, O.N.A. 2012, "The usage of capability maturity model integration and web engineering practices in large web development enterprises: An empirical study in Jordan", *Journal of Theoretical and Applied Information Technology*, vol. 39, no. 2, pp. 150-166.
50. Al-Allaf, O.N.A. 2011, "Codebook enhancement in vector quantization image compression using backpropagation neural network", *Journal of Applied Sciences*, vol. 11, no. 17, pp. 3152-3160.
51. Al-Allaf, O.N.A. 2011, "Fast BackPropagation Neural Network algorithm for reducing convergence time of BPNN image compression", *2011 International Conference on Information Technology and Multimedia: "Ubiquitous ICT for Sustainable and Green Living", ICIM 2011*.

52. AL-Allaf, O.N.A. 2010, "Agile software development processes in large web development enterprises", *Proceedings of the IASTED International Conference on Software Engineering and Applications, SEA 2010*.
53. AL-Allaf, O.N.A. 2010, "Improving the performance of backpropagation neural network algorithm for image compression/decompression system", *Journal of Computer Science*, vol. 6, no. 11, pp. 1347-1354.
54. Al-Allaf, O.N.A. 2010, "XP-prototyping approach for user interface design of large web-based applications", *Proceedings of the IASTED International Conference on Software Engineering, SE 2010*, pp. 218.
55. Al-Ani, M.S., Al-Kasasbeh, B.M., Al-Qutaish, R.E. & Muhairat, M.I. 2009, "Constructing a new communication system by integrating the GSM to the satellites infrastructure", *WSEAS Transactions on Communications*, vol. 8, no. 2, pp. 217-226.
56. Al-Azzah, F.M. & Yahya, A.A. 2011, "Quality criteria's of computing disciplines", *European Journal of Scientific Research*, vol. 48, no. 3, pp. 352-360.
57. Al-Azzah, F.M. & Yahya, A.A. 2010, "Quality procedures to review, mission, vision and objectives in higher educational institutions", *European Journal of Scientific Research*, vol. 45, no. 2, pp. 168-175.
58. Al-Azzawi, T.R., Hamdan, F.B. & Ali, A.K. 2008, "Neurophysiologic evaluation of the temporomandibular joint and related masticatory muscles in rheumatoid arthritis patients", *Neurosciences*, vol. 13, no. 3, pp. 253-258.
59. Al-Betar, M.A., Doush, I.A., Khader, A.T. & Awadallah, M.A. 2012, "Novel selection schemes for harmony search", *Applied Mathematics and Computation*, vol. 218, no. 10, pp. 6095-6117.
60. Al-Betar, M.A., Khader, A.T. & Muslih, O. 2012, "A multiswap algorithm for the university course timetabling problem", *2012 International Conference on Computer and Information Science, ICCIS 2012 - A Conference of World Engineering, Science and Technology Congress, ESTCON 2012 - Conference Proceedings*, pp. 301.
61. Al-Betar, M.A., Khader, A.T. & Zaman, M. 2012, "University course timetabling using a hybrid harmony search metaheuristic algorithm", *IEEE Transactions on Systems, Man and Cybernetics Part C: Applications and Reviews*, vol. 42, no. 5, pp. 664-681.

62. AlDaajeh, S., Asghar, T., Ali Khan, A. & ZakaUllah, M. 2012, "Communing different views on quality attributes relationships' nature", *European Journal of Scientific Research*, vol. 68, no. 2, pp. 214-222.
63. AlDaajeh, S., Asghar, T., Khan, A.A. & ZakaUllah, M. 2012, "Communing different views on quality attributes relationships' nature", *European Journal of Scientific Research*, vol. 68, no. 1, pp. 101-109.
64. Al-Daajeh, S.H., Al-Qutaish, R.E. & Al-Qirem, F. 2011, "Engineering dependability to embedded systems software via tactics", *International Journal of Software Engineering and its Applications*, vol. 5, no. 4, pp. 45-62.
65. Al-Dahoud, A., Walkowiak, T. & Woda, M. 2008, "Dependability aspects of e-learning systems", *Proceedings of International Conference on Dependability of Computer Systems, DepCoS - RELCOMEX 2008*, pp. 73.
66. Aldalahmeh, S.A., Ghogho, M., McLernon, D. & Nurellari, E. 2016, "Optimal fusion rule for distributed detection in clustered wireless sensor networks", *Eurasip Journal on Advances in Signal Processing*, vol. 2016, no. 1, pp. 1-12.
67. Al-Debei, M.M. & Al-Lozi, E. 2014, "Explaining and predicting the adoption intention of mobile data services: A value-based approach", *Computers in Human Behavior*, vol. 35, pp. 326-338.
68. Al-Debei, M.M., Al-Lozi, E. & Al-Hujran, O. 2015, "Critical design and evaluation factors of mobile business models: "Road block" eradicators for mobile networks operators", *Journal of Enterprise Information Management*, vol. 28, no. 5, pp. 698-717.
69. Al-Debei, M.M., Al-Lozi, E. & Fitzgerald, G. 2013, "Engineering innovative mobile data services: Developing a model for value network analysis and design", *Business Process Management Journal*, vol. 19, no. 2, pp. 336-363.
70. Al-Debei, M.M., Al-Lozi, E. & Papazafeiropoulou, A. 2013, "Why people keep coming back to Facebook: Explaining and predicting continuance participation from an extended theory of planned behaviour perspective", *Decision Support Systems*, vol. 55, no. 1, pp. 43-54.
71. Al-Debei, M.M., Aloudat, A., Al-Lozi, E. & Al Asswad, M.M. 2014, "The role of value networks in the design of mobile platforms: The case of Apple iPhone" in *Approaches and Processes for Managing the Economics of Information Systems*, pp. 123-137.

72. Al-Debei, M.M., Jalal, D. & Al-Lozi, E. 2013, "Measuring web portals success: A respecification and validation of the DeLone and McLean information systems success model", *International Journal of Business Information Systems*, vol. 14, no. 1, pp. 96-133.
73. Al-Douri, N.A. & Al-Essa, L.Y. 2010, "A survey of plants used in Iraqi traditional medicine", *Jordan Journal of Pharmaceutical Sciences*, vol. 3, no. 2, pp. 100-107.
74. Al-Essa, L.Y.M. 2003, "Cellular calcium changes in human polymorphonuclear leukocytes during inhibition of superoxide anion generation by dibutyryl cAMP", *Jordan Journal of Applied Sciences - Natural Sciences*, vol. 5, no. 1, pp. 26-35.
75. Al-Fayoumi, M., Nashwan, S., Yousef, S. & Alzoubaidi, A.-. 2007, "A new hybrid approach of symmetric/asymmetric authentication protocol for future mobile networks", *3rd IEEE International Conference on Wireless and Mobile Computing, Networking and Communications, WiMob 2007*.
76. Al-Fayoumi, M.A., Aboud, S.J., Al-Fayoumi, M.A. & Alghazzawi, D. 2010, "Efficient e-payment protocol using hash chain", *Proceedings of the European, Mediterranean and Middle Eastern Conference on Information Systems: Global Information Systems Challenges in Management, EMCIS 2010*.
77. Al-Ghabeesh, S.H., Abu-Moghli, F., Salsali, M. & Saleh, M. 2013, "Exploring sources of knowledge utilized in practice among Jordanian registered nurses", *Journal of evaluation in clinical practice*, vol. 19, no. 5, pp. 889-894.
78. Al-Ghaniybeh, A.D.A. 2010, "Syntactic times in maqam al- Yasameen by khalid al- karaki a studv in structure and meaning", *Dirasat: Human and Social Sciences*, vol. 37, no. 1, pp. 188-202.
79. Al-Ghraibah, A.-A. 2008, "Phonological phenomena in ajlun dialect: A historical, descriptive study", *Dirasat: Human and Social Sciences*, vol. 35, no. 1, pp. 53-75.
80. Al-Ghrayba, A. 2014, "The imperative discourse in Surat Yousef (structural semantic study)", *Dirasat: Human and Social Sciences*, vol. 41, pp. 394-413.
81. Al-Hasanat, M.A. 2007, "La représentation de l'Autre dans les récits de voyage en Egypte au XIXème siècle", *Dirasat: Human and Social Sciences*, vol. 34, no. 3, pp. 704-716.

82. Al-Hashem, A. & Shaqrab, A. 2012, "Social knowledge network as an enabling factor for organizational learning", *Journal of Theoretical and Applied Information Technology*, vol. 40, no. 1, pp. 1-8.
83. Alhawari, S., Talet, A.N., Al-Jarrah, M. & Hadi, W.M. 2011, "Analysis of the new knowledge management process: A literature review and waterfall model", *Creating Global Competitive Economies: A 360-Degree Approach - Proceedings of the 17th International Business Information Management Association Conference, IBIMA 2011*, pp. 87.
84. Al-Hiari, Y., Shattat, G., Al-Qirim, T., El-Huneidi, W., Sheikha, G.A. & Hikmat, S. 2011, "Antihyperlipidemic properties of novel N-(benzoylphenyl)-5-substituted-1H-indole-2-carboxamides in Triton WR-1339-induced hyperlipidemic rats", *Molecules*, vol. 16, no. 10, pp. 8292-8304.
85. Al-Hiari, Y.M., Qandil, A.M., Al-Zoubi, R.M., Alzweiri, M.H., Darwish, R.M., Shattat, G.F. & Al-Qirim, T.M. 2012, "Synthesis and antibacterial activity of novel 7-haloanilino-8-nitrofluoroquinolone derivatives", *Medicinal Chemistry Research*, vol. 21, no. 8, pp. 1734-1740.
86. Al-Hiari, Y.M., Qandil, A.M., Al-Zoubi, R.M., Alzweiri, M.H., Darwish, R.M., Shattat, G.F. & Al-Qirim, T.M. 2010, "7-(3-chlorophenylamino)-1-cyclopropyl-6-fluoro-8-nitro-4-oxo-1,4-dihydroquinoline-3-carboxylic acid", *MolBank*, vol. 2010, no. 2, pp. 1-3.
87. Al-Hiari, Y.M., Shakya, A.K., Al-Rajab, W.J., Abdel Rahim, E.A., Alzweiri, M.H., Rustam, L. & Darwish, R. 2015, "Antimicrobial screening of novel N-4-fluorophenylquino-[7,8-b][1,4]-benzodiazepin-3-carboxylic acid derivatives", *Revue Roumaine de Chimie*, vol. 60, no. 9, pp. 899-905.
88. Al-Hiari, Y.M., Shakya, A.K., Alzweiri, M.H., Al-Qirim, T.M., Shattat, G. & El-Abadelah, M.M. 2011, "Synthesis and antibacterial properties of new N 4-acetylated hexahydro-2,7-dioxopyrido[2,3-f]quinoxaline-8-carboxylic acids", *Journal of Enzyme Inhibition and Medicinal Chemistry*, vol. 26, no. 5, pp. 649-656.
89. Al-Hiari, Y.M., Sweileh, B.A., Shakya, A.K., Sheikha, G.A. & Almuhtaseb, S.I. 2009, "Synthesis of 1-benzyl-1,2,3,4-tetrahydroisoquinoline, Part I: Grignard synthesis of 1-(substitutedbenzyl)-1,2,3,4-tetrahydroisoquinoline models with potential antibacterial activity", *Jordan Journal of Pharmaceutical Sciences*, vol. 2, no. 1, pp. 1-21.

90. Al-Husainy, M.A.F. 2012, "A novel encryption method for image security", *International Journal of Security and its Applications*, vol. 6, no. 1, pp. 1-8.
91. Al-Husainy, M.A.F. 2009, "Image steganography by mapping pixels to letters", *Journal of Computer Science*, vol. 5, no. 1, pp. 33-38.
92. Al-Husainy, M.A.F. 2007, "A tool for compressing images based on genetic algorithm", *Information Technology Journal*, vol. 6, no. 3, pp. 457-462.
93. Al-Husainy, M.A.F. 2007, "Best-job-first CPU scheduling algorithm", *Information Technology Journal*, vol. 6, no. 2, pp. 288-293.
94. Al-Husainy, M.A.F. 2006, "Image encryption using genetic algorithm", *Information Technology Journal*, vol. 5, no. 3, pp. 516-519.
95. AL-Hwawcha, L.K. & Abid, N.A. 2008, "A new approach for solving second order ordinary differential equations", *Journal of Mathematics and Statistics*, vol. 4, no. 1, pp. 58-59.
96. Ali, A.-. & Belal, M.A. 2007, "Multiple ant colonies optimization for load balancing in distributed systems", *New Trends in ICT and Accessibility - Proceedings of the 1st International Conference in Information and Communication Technology and Accessibility, ICTA 2007*, pp. 213.
97. Ali, A.-. & Belal, M.A. 2006, "Partitions redistribution in distributed databases based on creative evolutionary systems approach", *WSEAS Transactions on Computers*, vol. 5, no. 5, pp. 864-869.
98. Ali, A.-., Belal, M.A. & Al-Zoubi, M.B. 2010, "Load balancing of distributed systems based on multiple ant colonies optimization", *American Journal of Applied Sciences*, vol. 7, no. 3, pp. 428-433.
99. Ali, A.-. & El Emam, I.M.M. 2006, "An advanced approach for improving the performance of CSMA/CD LANs", *WSEAS Transactions on Communications*, vol. 5, no. 1, pp. 17-22.
100. Ali, A.-., Fezari, M. & Hamza, A. 2010, "High level tele-operating speech communication system for controlling a colony of robots", *WSEAS Transactions on Communications*, vol. 9, no. 6, pp. 364-373.
101. Ali, A.-., Fezari, M. & Hamza, A. 2010, "Implementation of a tele-operating high level communication system to control a colony of robots", *Proceedings of the 9th WSEAS International Conference on Applications of Computer Engineering, ACE '10*, pp. 230.

102. Ali, A.-., Swami, P.D. & Singhai, J. 2010, "Modified curvelet thresholding algorithm for image denoising", *Journal of Computer Science*, vol. 6, no. 1, pp. 18-23.
103. Ali, A.-. & Wosko, M. 2009, "The MIT beer game as multiagent simulation: A practical approach using AOR-modelling and an XML-based implementation framework", *International Journal of Internet Technology and Secured Transactions*, vol. 1, no. 3-4, pp. 203-214.
104. Ali, A.-. & Wosko, M. 2008, "A practical approach using AOR-modelling and a XML-based implementation framework", *2008 3rd International Conference on Information and Communication Technologies: From Theory to Applications, ICTTA*.
105. Alia, M.A., Tamimi, A.A. & Al-Allaf, O.N.A. 2014, "Cryptography based authentication methods", *Lecture Notes in Engineering and Computer Science*, pp. 199.
106. Alia, M.A. & Yahya, A.A. 2010, "Public-key steganography based on matching method", *European Journal of Scientific Research*, vol. 40, no. 2, pp. 223-231.
107. Alia, O.M., Al-Betar, M.A., Mandava, R. & Khader, A.T. 2011, *Data clustering using harmony search algorithm*.
108. Al-Jazzar, S.O., Strangeways, H.J. & McLernon, D.C. 2014, "2-D angle of arrival estimation using a one-dimensional antenna array", *European Signal Processing Conference*, pp. 1905.
109. Al-Kaddo, A. & Al-Neaimi, A. 2013, "Requirements analysis modeling for buyer-driven e-commerce using congolog agent-oriented", *International Journal of Software Engineering and its Applications*, vol. 7, no. 6, pp. 375-390.
110. AlKam, S.A. 2012, "Theatrical text and the aesthetics of reception a reading in Eizis play by 'Nawal al-Saadawi'", *Dirasat: Human and Social Sciences*, vol. 39, no. 2, pp. 380-392.
111. Alkhateeb, J.H., Pauplin, O., Ren, J. & Jiang, J. 2011, "Performance of hidden Markov model and dynamic Bayesian network classifiers on handwritten Arabic word recognition", *Knowledge-Based Systems*, vol. 24, no. 5, pp. 680-688.
112. Alkhateeb, J.H., Ren, J., Jiang, J. & Al-Muhtaseb, H. 2011, "Offline handwritten Arabic cursive text recognition using Hidden Markov Models and re-ranking", *Pattern Recognition Letters*, vol. 32, no. 8, pp. 1081-1088.
113. Al-Lozi, E., Al-Debei, M.M. & Aloudat, A. 2014, "Value capturing and role playing in social networking sites", *IEEE Technology and Society Magazine*, vol. 33, no. 1, pp. 66-72.

114. Al-Manasrah, Y. & Kittaneh, F. 2015, "A generalization of two refined Young inequalities", *Positivity*, vol. 19, no. 4, pp. 757-768.
115. Al-Masri, A. & Sharaideh, S.A. 2011, "The effect of using response-based strategy for teaching english poetry on the Jordanian university students' achievement", *European Journal of Social Sciences*, vol. 18, no. 3, pp. 412-425.
116. Al-Matubsi, H.Y., Kanaan, R.A., Hamdan, F., Salim, M., Oriquat, G.A. & Al Hanbali, O.A. 2011, "Smoking practices in Jordanian people and their impact on semen quality and hormonal levels among adult men", *Central European journal of public health*, vol. 19, no. 1, pp. 54-59.
117. Al-Naami, B., Abumallouh, M.A. & Hafez, E.A. 2014, "Performance comparison of adaptive neural networks and adaptive neuro-fuzzy inference system in brain cancer classification", *Jordan Journal of Mechanical and Industrial Engineering*, vol. 8, no. 5, pp. 305-312.
118. Al-Nadaf, A., Sheikha, G.A. & Taha, M.O. 2010, "Elaborate ligand-based pharmacophore exploration and QSAR analysis guide the synthesis of novel pyridinium-based potent β-secretase inhibitory leads", *Bioorganic and Medicinal Chemistry*, vol. 18, no. 9, pp. 3088-3115.
119. AL-Najdawi, M., Al-Hiari, Y., Al-Qirim, T., Shattat, G., Al-Zweri, M. & Sheikha, G.A. 2014, "Synthesis and pharmacological evaluation of novel unsubstituted indole-anthraquinone carboxamide derivatives as potent antihyperlipidemic agents", *Zeitschrift fur Naturforschung - Section C Journal of Biosciences*, vol. 69 C, no. 1-2, pp. 21-28.
120. Al-Qatawneh, S.M., Ipson, S.S. & Qahwaji, R.S. 2012, "3D facial feature extraction based on the symmetry plane analysis", *Proceedings of the IASTED International Conference on Signal and Image Processing, SIP 2012*, pp. 107.
121. Al-Qerem, W.A., Ling, J., Pullen, R. & McGarry, K. 2015, "Reported prevalence of allergy and asthma in children from urban and rural Egypt", *Air Quality, Atmosphere and Health*, .
122. Alqirem, R.M. 2011, "Enhancing simulation in complex systems", *WIT Transactions on Modelling and Simulation*, pp. 35.

123. Al-Qirem, R.M. & Yaseen, S.G. 2009, "Modelling a small firm in Jordan using system dynamics" in *Handbook of Research on Discrete Event Simulation Environments: Technologies and Applications*, pp. 484-508.
124. Al-Qirim, T., Shahwan, M., Shattat, G., Al-Hiari, Y., Sheikha, G.A. & Zaidi, S. 2009, "Pharmacological evaluation of novel indole-2-carboxamides as potent lipid-lowering agents in triton-WR-1339-induced hyperlipidemic rats", *Zeitschrift fur Naturforschung - Section C Journal of Biosciences*, vol. 64, no. 9-10, pp. 619-625.
125. Al-Qirim, T., Shattat, G., Sheikha, G.A., Sweidan, K., Al-Hiari, Y. & Jarab, A. 2015, "Synthesis of novel N-(4-benzoylphenyl)-2-furamide derivatives and their pharmacological evaluation as potent antihyperlipidemic agents in rats", *Drug research*, vol. 65, no. 3, pp. 158-163.
126. Al-Qirim, T., Shattat, G., Sheikha, G.A., Sweidan, K., Al-Hiari, Y. & Jarab, A. 2014, "Synthesis of Novel N-(4-benzoylphenyl)-2-furamide Derivatives and their Pharmacological Evaluation as Potent Antihyperlipidemic Agents in Rats", *Drug Research*, .
127. Al-Qirim, T., Shattat, G., Sweidan, K., El-Huneidi, W., Sheikha, G.A., Khalaf, R.A. & Hikmat, S. 2012, "In vivo antihyperlipidemic activity of a new series of N-(Benzoylphenyl) and N-(Acetylphenyl)-1-benzofuran-2-carboxamides in rats", *Archiv der Pharmazie*, vol. 345, no. 5, pp. 401-406.
128. Al-Qutaish, R.E. 2009, "Measuring the software product quality during the software development life-cycle: An international organization for standardization standards perspective", *Journal of Computer Science*, vol. 5, no. 5, pp. 392-397.
129. Al-Rawashdeh, T.A. 2015, "Evaluating open source software usability using a multistage fuzzy model approach", *International Review on Computers and Software*, vol. 10, no. 10, pp. 1018-1026.
130. Alrawashdeh, T.A., Muhairat, M.I. & Alqatawneh, S.M. 2014, "A quantitative evaluation of ERP systems quality model", *ITNG 2014 - Proceedings of the 11th International Conference on Information Technology: New Generations*, pp. 46.
131. Al-Saiyd, N.A., Mohammad, A.H., Al-Sayed, I.A. & Al-Samarrai, M.F. 2011, "Distributed knowledge acquisition system for software design problems", *European Journal of Scientific Research*, vol. 62, no. 3, pp. 311-320.

132. Al-Saket, A. 2012, "On determining bounds for the real parts of the zeros of polynomials", *Linear and Multilinear Algebra*, vol. 60, no. 3, pp. 377-382.
133. Al-Salami, N.M.A. 2009, "System evolving using ant colony optimization algorithm", *Journal of Computer Science*, vol. 5, no. 5, pp. 380-387.
134. Al-Sammaraie, M.F. 2015, "Contrast enhancement of roads images with foggy scenes based on histogram equalization", *10th International Conference on Computer Science and Education, ICCSE 2015*, pp. 95.
135. Al-Sammraie, M.F.H. 2011, "Colored image compression using gradient adjustment prediction based wavelet", *Journal of Computer Science*, vol. 7, no. 2, pp. 304-313.
136. Al-Shannag, M., Lafi, W., Bani-Melhem, K., Gharagheer, F. & Dhaimat, O. 2012, "Reduction of COD and TSS from paper industries wastewater using electro-coagulation and chemical coagulation", *Separation Science and Technology*, vol. 47, no. 5, pp. 700-708.
137. Al-Shawabkieh, S.S. & Alkam, S.A. 2013, "Identity and taboos in Egyptian novelist, Rauf Mass'ad's novels: Baydat Anna'amah and Mezaj Attamaseeh", *Dirasat: Human and Social Sciences*, vol. 40, no. 1, pp. 123-138.
138. Al-Shayea, Q.K. 2013, "Evaluating marketing campaigns of banking using neural networks", *Lecture Notes in Engineering and Computer Science*, pp. 759.
139. Al-Shayea, Q.K. & Al-Shayea, T.K. 2014, "Customer behavior on RFMT model using neural networks", *Lecture Notes in Engineering and Computer Science*, pp. 49.
140. Al-Shayea, Q.K. & Bahia, I.S.H. 2010, "Ground penetrating radar slice reconstruction for embedded object in media with target follow", *WSEAS Transactions on Computers*, vol. 9, no. 5, pp. 496-505.
141. Al-Sheikh Hussein, B. 2012, "Language and sex: The relationship of language to behavior", *Theory and Practice in Language Studies*, vol. 2, no. 10, pp. 2011-2015.
142. Al-Sheikh, A., Sweidan, K., Kuhn, N., Maichle-Mößmer, C. & Steimann, M. 2009, "Elimination of a thiomethyl substituent from an anionic 5-methylenebarbituric acid derivative by oxidation and substitution", *Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences*, vol. 64, no. 3, pp. 307-312.
143. Al-Sheikh, A., Sweidan, K., Maichle-Mößmer, C., Steimann, M. & Kuhn, N. 2009, "Synthesis and reactions of 5-[amino(thiomethyl)methylene]-2,2-dimethyl-1,3- dioxane-4,6-

- dione", *Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences*, vol. 64, no. 1, pp. 101-105.
144. Al-Sheikh, A., Sweidan, K., Sweileh, B., Steimann, M., Schubert, H. & Kuhn, N. 2008, "Synthesis and crystal structure of triethylammonium5-[(2,2-dimethyl-4,6- dioxo-1,3-dioxan-5-ylidene)(methylthio)methyl]-1,3-dimethylpyrimidine-2,4, 6-trionate", *Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences*, vol. 63, no. 8, pp. 1020-1022.
145. Althunibat, A. 2015, "Determining the factors influencing students' intention to use m-learning in Jordan higher education", *Computers in Human Behavior*, vol. 52, pp. 65-71.
146. Althunibat, A., Alrawashdeh, T.A. & Muhairat, M. 2014, "The acceptance of using m-government services in Jordan", *Journal of Theoretical and Applied Information Technology*, vol. 63, no. 3, pp. 733-740.
147. Althunibat, A., Alrawashdeh, T.A. & Muhairat, M. 2014, "The acceptance of using M-government services in Jordan", *ITNG 2014 - Proceedings of the 11th International Conference on Information Technology: New Generations*, pp. 643.
148. Althunibat, O., Ridzwan, B., Taher, M., Daud, J., Jauhari Arief Ichwan, S. & Qaralleh, H. 2013, "Antioxidant and cytotoxic properties of two sea cucumbers, Holothuria edulis Lesson and Stichopus horrens Selenka", *Acta Biologica Hungarica*, vol. 64, no. 1, pp. 10-20.
149. Alwada'n, T., Janicke, H., Aldabbas, O. & Alfawair, M. 2011, "New framework for policy support for Mobile Grid Services", *6th International Conference on Risks and Security of Internet and Systems, CRiSIS 2011*.
150. Al-Zabn, I.A. 2015, "The significance of privative (Lao -Conditional particle) in the efforts of grammarians and rationalist scholars", *Dirasat: Human and Social Sciences*, vol. 42, no. 2, pp. 311-327.
151. Al-Zoubi, M.B., Al-Dahoud, A. & Yahya, A.A. 2010, "New outlier detection method based on fuzzy clustering", *WSEAS Transactions on Information Science and Applications*, vol. 7, no. 5, pp. 681-690.
152. Al-Zoubi, M.B., Ali, A.-. & Yahya, A.A. 2010, "Fuzzy clustering-based approach for outlier detection", *Proceedings of the 9th WSEAS International Conference on Applications of Computer Engineering, ACE '10*, pp. 192.

153. Al-Zwyalif, I.M. 2012, "Using six sigma approach to improve accounting information systems performance", *European Journal of Economics, Finance and Administrative Sciences*, , no. 55, pp. 132-142.
154. Ampeliotis, D., Bogdanović, N., Berberidis, K., Casciati, F. & AlSaleh, R. 2012, "Power-efficient wireless sensor reachback for SHM", *Bridge Maintenance, Safety, Management, Resilience and Sustainability - Proceedings of the Sixth International Conference on Bridge Maintenance, Safety and Management*, pp. 220.
155. Assafa, S.M., Khanfar, M.S., Obeidat, R., Salem, M.S. & Arida, A.I. 2009, "Effect of different organic solvents on crystal habit of mefenamic acid", *Jordan Journal of Pharmaceutical Sciences*, vol. 2, no. 2, pp. 150-158.
156. Athamena, B., Houhamdi, Z. & Muhairat, M. 2007, "Fault detection and isolation in dynamic systems using statistical local approach and hybrid least squares algorithm", *American Journal of Applied Sciences*, vol. 4, no. 12, pp. 977-986.
157. Atieh, A. & Hussain, S. 2012, "Accounting data and UK dividends", *Journal of Applied Accounting Research*, vol. 13, no. 1, pp. 56-70.
158. Atieh, A. & Hussain, S. 2012, "Do UK firms manage earnings to meet dividend thresholds?", *Accounting and Business Research*, vol. 42, no. 1, pp. 77-94.
159. Aughsteen, A.A. 2001, "The ultrastructure of primary cilia in the endocrine and excretory duct cells of the pancreas of mice and rats", *European journal of morphology*, vol. 39, no. 5, pp. 277-283.
160. Aughsteen, A.A., Abu-Umair, M.S. & Mahmoud, S.A. 2005, "Biochemical analysis of serum pancreatic amylase and lipase enzymes in patients with type 1 and type 2 diabetes mellitus", *Saudi medical journal*, vol. 26, no. 1, pp. 73-77.
161. Aughsteen, A.A. & Mohammed, F.I. 2002, "Insulin enhances amylase and lipase activity in the pancreas of streptozotocin-diabetic rats. An in vivo study", *Saudi medical journal*, vol. 23, no. 7, pp. 838-844.
162. Awadallah, M.A., Khader, A.T., Al-Betar, M.A. & Bolaji, A.L. 2011, *Nurse rostering using modified harmony search algorithm*.

163. Awadallah, M.A., Khader, A.T., Al-Betar, M.A. & Bolaji, A.L. 2011, "Nurse scheduling using Harmony Search", *Proceedings - 2011 6th International Conference on Bio-Inspired Computing: Theories and Applications, BIC-TA 2011*, pp. 58.
164. Awawdeh, F., Jaradat, H.M. & Alsayyed, O. 2009, "Solving system of DAEs by homotopy analysis method", *Chaos, Solitons and Fractals*, vol. 42, no. 3, pp. 1422-1427.
165. Awwad, M.S. & Al Omoush, K.S. 2012, "Governance of information technology-business relationship quality and performance outcomes", *Electronic Government*, vol. 9, no. 4, pp. 350-369.
166. Bader, A., Braca, A., De Tommasi, N. & Morelli, I. 2003, "Further constituents from *Caralluma negevensis*", *Phytochemistry*, vol. 62, no. 8, pp. 1277-1281.
167. Bader, A., Caponi, C., Cioni, P.L., Flamini, G. & Morelli, I. 2003, "Acorenone in the essential oil of flowering aerial parts of *Seseli tortuosum L*", *Flavour and Fragrance Journal*, vol. 18, no. 1, pp. 57-58.
168. Bader, A., Caponi, C., Cioni, P.L., Flamini, G. & Morelli, I. 2003, "Composition of the essential oil of *Ballota undulata*, *B. nigra* ssp. *foetida* and *B. saxatilis*", *Flavour and Fragrance Journal*, vol. 18, no. 6, pp. 502-504.
169. Bader, A., Cioni, P.L. & Flamini, G. 2010, "GC-MS analysis of the essential oils of ripe fruits, roots and flowering aerial parts of *Elaeoselinum asclepium* subsp. *meoides* growing in Sicily", *Natural Product Communications*, vol. 5, no. 7, pp. 1111-1114.
170. Bader, A., De Tommasi, N., Cotugno, R. & Braca, A. 2011, "Phenolic compounds from the roots of Jordanian Viper's Grass, *Scorzonera judaica*", *Journal of natural products*, vol. 74, no. 6, pp. 1421-1426.
171. Bader, A., Flamini, G., Cioni, P.L. & Morelli, I. 2003, "Essential oil composition of *Achillea santolina* L. and *Achillea biebersteinii* Afan. collected in Jordan", *Flavour and Fragrance Journal*, vol. 18, no. 1, pp. 36-38.
172. Bader, A., Flamini, G., Cioni, P.L. & Morelli, I. 2002, "The composition of the root oil of *Salvadora persica* L.", *Journal of Essential Oil Research*, vol. 14, no. 2, pp. 128-129.
173. Bader, A., Panizzi, L., Cioni, P.L. & Flamini, G. 2007, "Achillea ligustica: Composition and antimicrobial activity of essential oils from the leaves, flowers and some pure constituents", *Central European Journal of Biology*, vol. 2, no. 2, pp. 206-212.

174. Bekhet, H.A., Al-Alak, B.A. & El-Refae, G.A. 2014, "Developing student satisfaction perception model for public and private universities in Malaysia", *International Journal of Economics and Business Research*, vol. 7, no. 4, pp. 404-418.
175. Bekhet, H.A. & Al-Alak, B.A.M. 2014, "Modelling client usage of e-statements: An empirical study in Malaysia", *International Journal of Banking, Accounting and Finance*, vol. 5, no. 3, pp. 309-328.
176. Braca, A., Bader, A., Siciliano, T. & De Tommasi, N. 2008, "Secondary metabolites from Paronychia argentea", *Magnetic Resonance in Chemistry*, vol. 46, no. 1, pp. 88-93.
177. Braca, A., Bader, A., Siciliano, T., Morelli, I. & De Tommasi, N. 2003, "New Pyrrolizidine Alkaloids and Glycosides from Anchusa strigosa", *Planta Medica*, vol. 69, no. 9, pp. 835-841.
178. Buchanan, L.M., El-Banna, M., White, A., Moses, S., Siedlik, C. & Wood, M. 2004, "An exploratory study of multicomponent treatment intervention for tobacco dependency", *Journal of Nursing Scholarship*, vol. 36, no. 4, pp. 324-330.
179. Burshaid, K.I. & Hamdan, M.A. 2013, "The reduction of soot formation from fuels using oxygenates additives", *Energy Conversion and Management*, vol. 65, pp. 751-754.
180. Casciati, F., Faravelli, L., Al-Saleh, R. & Hinc, K. 2012, "Structural diagnostic via compressive sensing", *Bridge Maintenance, Safety, Management, Resilience and Sustainability - Proceedings of the Sixth International Conference on Bridge Maintenance, Safety and Management*, pp. 227.
181. Chan, Y.-F., Shoniregun, C.A., Akmayeva, G.A. & Al-Dahoud, A. 2009, "Applying semantic web and user behavior analysis to enforce the intrusion detection system", *International Conference for Internet Technology and Secured Transactions, ICITST 2009*.
182. Chitra, K. & Ali, A.-. 2011, "Concurrency control and consistency maintenance with DTD and SSM for weakly connected environments", *World Congress on Internet Security, WorldCIS-2011*, pp. 253.
183. Cioffi, G., Bader, A., Malafronte, A., Dal Piaz, F. & De Tommasi, N. 2008, "Secondary metabolites from the aerial parts of Salvia palaestina Bentham", *Phytochemistry*, vol. 69, no. 4, pp. 1005-1012.

184. Dabbour, L.M. 2012, "Geometric proportions: The underlying structure of design process for Islamic geometric patterns", *Frontiers of Architectural Research*, vol. 1, no. 4, pp. 380-391.
185. Dal Piaz, F., Imparato, S., Lepore, L., Bader, A. & De Tommasi, N. 2010, "A fast and efficient LC-MS/MS method for detection, identification and quantitative analysis of bioactive sesterterpenes in *Salvia dominica* crude extracts", *Journal of pharmaceutical and biomedical analysis*, vol. 51, no. 1, pp. 70-77.
186. Dal Piaz, F., Vassallo, A., Lepore, L., Tosco, A., Bader, A. & De Tommasi, N. 2009, "Sesterterpenes as tubulin tyrosine ligase inhibitors. First insight of structure-activity relationships and discovery of new lead", *Journal of medicinal chemistry*, vol. 52, no. 12, pp. 3814-3828.
187. Daoud, M.S., Hopgood, A.A., Al-Fayoumi, M.A. & Mimi, H.M. 2014, "A new routing area displacement prediction for location-based services based on an enhanced ant colony", *Conference Proceedings - IEEE International Conference on Systems, Man and Cybernetics*, pp. 3247.
188. Darabkh, K.A., Ismail, S.S., Al-Shurman, M., Jafar, I.F., Alkhader, E. & Al-Mistarihi, M.F. 2012, "Performance evaluation of selective and adaptive heads clustering algorithms over wireless sensor networks", *Journal of Network and Computer Applications*, vol. 35, no. 6, pp. 2068-2080.
189. De Abreu, M.B., Dal Piaz, F., Temraz, A., Bader, A., De Tommasi, N. & Braca, A. 2008, "Gypsins A-D from *Gypsophila arabica*", *Journal of natural products*, vol. 71, no. 8, pp. 1336-1342.
190. De Felice, A., Bader, A., Leone, A., Sosa, S., Della Loggia, R., Tubaro, A. & De Tommasi, N. 2006, "New polyhydroxylated triterpenes and anti-inflammatory activity of *Salvia hierosolymitana*", *Planta Medica*, vol. 72, no. 7, pp. 643-649.
191. Delgadillo, J.A., Al Kayed, M., Vo, D. & Ramamurthy, A.S. 2012, "CFD simulations of a hydrocyclone in absence of an air core", *Journal of Mining and Metallurgy, Section B: Metallurgy*, vol. 48, no. 2, pp. 197-206.
192. Dilworth, T.J., Ibrahim, O.M. & Mercier, R.-. 2014, "Impact of an intravenous trimethoprim/sulfamethoxazole shortage on treatment outcomes among HIV-infected patients

- with *Pneumocystis jirovecii* pneumonia", *Journal of Managed Care Pharmacy*, vol. 20, no. 12, pp. 1246-1254.
193. El Emary, I.M.M. & Ali, A.-. 2005, "New strategies for scheduling tasks in field Bussystems", *WSEAS Transactions on Communications*, vol. 4, no. 12, pp. 1315-1324.
194. El-Banna, M.M., Berger, A.M., Farr, L., Foxall, M.J., Friesth, B. & Schreiner, E. 2004, "Fatigue and depression in patients with lymphoma undergoing autologous peripheral blood stem cell transplantation.", *Oncology nursing forum*, vol. 31, no. 5, pp. 937-944.
195. Elbes, M. & Al-Fuqaha, A. 2013, "Design of a social collaboration and precise localization services for the blind and visually impaired", *Procedia Computer Science*, pp. 282.
196. El-Harami, J.H. 2012, "Creating new dimension in marketing new destination in Jordan: Suggested strategy for Aqaba region", *Current Issues in Hospitality and Tourism Research and Innovations - Proceedings of the International Hospitality and Tourism Conference, IHTC 2012*, pp. 269.
197. Elmasry, A. & Hammad, A. 2005, "An empirical study for inversions-sensitive sorting algorithms", *Lecture Notes in Computer Science*, pp. 597.
198. El-Qirem, F. & Cockton, G. 2011, *Computer usage and user experience in Jordan: Development and application of the diamond model of territorial factors*.
199. El-Qirem, F.A. & Cockton, G. 2015, *Dramatic sketches: A new interaction design resource for communicating contextual factors*.
200. Falahat, A.M., Hamdan, M.A. & Yamin, J.A. 2014, "Engine performance powered by a mixture of hydrogen and oxygen fuel obtained from water electrolysis", *International Journal of Automotive Technology*, vol. 15, no. 1, pp. 97-101.
201. Fasfous, A., Asfar, J., Al-Salaymeh, A., Sakhrieh, A., Al-hamamre, Z., Al-Bawwab, A. & Hamdan, M. 2013, "Potential of utilizing solar cooling in the University of Jordan", *Energy Conversion and Management*, vol. 65, pp. 729-735.
202. Fezari, M., Boumaza, M.S. & Aldahoud, A. 2012, "Voice command system based on pipelining classifiers GMM-HMM", *2012 International Conference on Information Technology and e-Services, ICITeS 2012*.

203. Fiore, G., Nencini, C., Cavallo, F., Capasso, A., Bader, A., Giorgi, G. & Micheli, L. 2006, "In vitro antiproliferative effect of six *Salvia* species on human tumor cell lines", *Phytotherapy Research*, vol. 20, no. 8, pp. 701-703.
204. Flamini, G., Bader, A., Cioni, P.L., Katbeh-Bader, A. & Morelli, I. 2004, "Composition of the Essential Oil of Leaves, Galls, and Ripe and Unripe Fruits of Jordanian *Pistacia palaestina Boiss.*", *Journal of Agricultural and Food Chemistry*, vol. 52, no. 3, pp. 572-576.
205. Flamini, G., Cioni, P.L., Morelli, I. & Bader, A. 2007, "Essential oils of the aerial parts of three *Salvia* species from Jordan: *Salvia lanigera*, *S. spinosa* and *S. syriaca*", *Food Chemistry*, vol. 100, no. 2, pp. 732-735.
206. Ghaleb Yaseen, S. & Al Omoush, K.S. 2009, "The critical success factors of web-based supply chain collaboration adoption: An empirical study" in *Utilizing Information Technology Systems Across Disciplines: Advancements in the Application of Computer Science*, pp. 110-129.
207. Guerrouf, F., Chaoui, A. & Aldahoud, A. 2013, "A graph transformation approach of mobile activity diagram to nested Petri nets", *International Journal of Computer Aided Engineering and Technology*, vol. 5, no. 1, pp. 44-57.
208. Hamadneh, I., Ahmad, A.M. & Hamadneh, L. 2013, "Effect of heat treatment of HoBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> ceramics superconductor synthesized from nano-coprecipitated powders", *Modern Physics Letters B*, vol. 27, no. 16.
209. Hamadneh, I., Yaseen, N., Abdallat, Y., Hamadneh, L. & Tarawneh, O. 2016, "The Sintering Effect on the Phase Formation and Transport Current Properties of SmBa<sub>2</sub>Cu<sub>3</sub>O<sub>7-δ</sub> Ceramic Prepared from Nano-Coprecipitated Precursors", *Journal of Superconductivity and Novel Magnetism*, vol. 29, no. 3, pp. 829-834.
210. Hamdan, F.B. & Al-Matubsi, H.Y. 2009, "Assessment of erectile dysfunction in diabetic patients", *International journal of andrology*, vol. 32, no. 2, pp. 176-185.
211. Hamdan, M.A., Yamin, J. & Abdel Hafez, E.M. 2012, "Passive cooling roof design under Jordanian climate", *Sustainable Cities and Society*, vol. 5, no. 1, pp. 26-29.
212. Hamed, R., Awadallah, A., Sunoqrot, S., Tarawneh, O., Nazzal, S., AlBaraghthi, T., Al Sayyad, J. & Abbas, A. 2015, "pH-Dependent Solubility and Dissolution Behavior of Carvedilol—Case Example of a Weakly Basic BCS Class II Drug", *AAPS PharmSciTech*, .

213. Hamed, R., Basil, M., AlBaraghthi, T., Sunoqrot, S. & Tarawneh, O. 2015, "Nanoemulsion-based gel formulation of diclofenac diethylamine: design, optimization, rheological behavior and in vitro diffusion studies", *Pharmaceutical development and technology* .
214. Hamed, R. & Fiegel, J. 2014, "Synthetic tracheal mucus with native rheological and surface tension properties", *Journal of Biomedical Materials Research - Part A*, vol. 102, no. 6, pp. 1788-1798.
215. Hammoudeh, M., Aldabbas, O., Mount, S., Abuzour, S., Alfawair, M. & Alratrout, S. 2010, "Algorithmic construction of optimal and load balanced clusters in wireless sensor networks", *2010 7th International Multi-Conference on Systems, Signals and Devices, SSD-10*.
216. Hawwa, A.F., AlBawab, A.Q., Rooney, M., Wedderburn, L.R., Beresford, M.W. & McElnay, J.C. 2015, "Methotrexate polyglutamates as a potential marker of adherence to long-term therapy in children with juvenile idiopathic arthritis and juvenile dermatomyositis: An observational, cross-sectional study", *Arthritis Research and Therapy*, vol. 17, no. 1.
217. Hlayel, A.A. & Hnaif, A. 2014, "An algorithm to improve the performance of string matching", *Journal of Information Science*, vol. 40, no. 3, pp. 357-362.
218. Houhamdi, Z. & Athamena, B. 2011, "Structured integration test suite generation process for multi-agent system", *Journal of Computer Science*, vol. 7, no. 5, pp. 690-697.
219. Hussein, B.A.-. 2013, "Teaching and learning English-as-a-second / foreign language through mother tongue: A field study", *Asian Social Science*, vol. 9, no. 10, pp. 175-180.
220. Hussein, B.A.-. 2012, "Analysis of the real situation of teaching reading comprehension to first year students at the department of English language and literature at Al-Zaytoonah private university of Jordan", *Asian Social Science*, vol. 8, no. 4, pp. 237-251.
221. Hussein, B.A.-. 2012, "The sapir-whorf hypothesis today", *Theory and Practice in Language Studies*, vol. 2, no. 3, pp. 642-646.
222. Hussein, B.A.-. 2012, "Weaknesses and Strengths of approaches followed in teaching reading", *European Journal of Social Sciences*, vol. 29, no. 1, pp. 61-65.
223. Ibrahim, H. & Al-Rawashdeh, T.A. 2014, "Acceptance of web-based training system among public sector employees", *Journal of Information and Communication Technology*, vol. 13, no. 1, pp. 87-107.

224. Ibrahim, M.A. 2012, "Phonotactic parameters of final consonant clusters in Iraqi Arabic and Kuwaiti Arabic: Some contrastive points", *Theory and Practice in Language Studies*, vol. 2, no. 12, pp. 2453-2459.
225. Ibrahim, O.M., Dilworth, T.J. & Mercier, R.-. 2014, "Reply to "probability of eradication using vancomycin alone or in combination for methicillin-resistant Staphylococcus aureus bacteremia"", *Antimicrobial Agents and Chemotherapy*, vol. 58, no. 12, pp. 7618-7619.
226. Iskandarani, M. & El-Refae, G. 2007, "Numerical modeling of economical market forces for an intelligent delivery of dynamical optimal impact solution (DOI)", *American Journal of Applied Sciences*, vol. 4, no. 2, pp. 102-105.
227. Iskandarani, M.Z. 2013, "A new approach to damage detection in composite body structures using time compensated hyperspectral image analysis technique", *American Journal of Applied Sciences*, vol. 10, no. 2, pp. 123-130.
228. Iskandarani, M.Z. 2012, "Low pass filter model for chemical sensors in response to gases and odors", *American Journal of Applied Sciences*, vol. 9, no. 4, pp. 605-608.
229. Iskandarani, M.Z. 2011, "A novel approach to head positioning using fixed center interpolation net with weight elimination algorithm", *Journal of Computer Science*, vol. 7, no. 2, pp. 173-178.
230. Iskandarani, M.Z. 2011, "Inheritance based intelligent technique employing Nested-XOR with recursion for recognition and classification of odors using multi-sensor nose system", *American Journal of Applied Sciences*, vol. 8, no. 9, pp. 910-917.
231. Iskandarani, M.Z. 2011, "Novel approach to natural child head and hand gestures using roll and slide maximum value algorithm (RSMV)", *Recent Researches in Computer Science - Proceedings of the 15th WSEAS International Conference on Computers, Part of the 15th WSEAS CSCC Multiconference*, pp. 45.
232. Iskandarani, M.Z. 2010, "Application of neural networks to damage classification in composite structures", *International Conference on Computers - Proceedings*, pp. 109.
233. Iskandarani, M.Z. 2010, "Application of Unified Smart Classification and Modified Weight Elimination algorithms to damage evaluation in composite structures", *WSEAS Transactions on Computers*, vol. 9, no. 9, pp. 1002-1011.

234. Iskandarani, M.Z. 2010, "Head gesture analysis using matrix group displacement algorithm", *Journal of Computer Science*, vol. 6, no. 11, pp. 1362-1365.
235. Iskandarani, M.Z. 2010, "Integrity classification algorithm of images obtained from impact damaged composite structures", *Journal of Computer Science*, vol. 6, no. 4, pp. 428-438.
236. Iskandarani, M.Z. 2010, "Modified center interpolation net for classification of composite structures tested using low frequency electronic tapping", *American Journal of Applied Sciences*, vol. 7, no. 2, pp. 227-234.
237. Iskandarani, M.Z. 2009, "Impedance analysis of heat treated polyethylene oxide polymeric material for a neural storage application", *American Journal of Applied Sciences*, vol. 6, no. 7, pp. 1364-1367.
238. Iskandarani, M.Z. 2009, "Mathematical modeling and numerical analysis of the programming field in PEO10LiCF3SO3-polypyrrole neural switch", *WSEAS Transactions on Computers*, vol. 8, no. 7, pp. 1051-1060.
239. Iskandarani, M.Z. 2009, "Numerical modeling of neural switch programming field using finite element analysis", *Proceedings of the 13th WSEAS International Conference on Computers - Held as part of the 13th WSEAS CSCC Multiconference*, pp. 227.
240. Iskandarani, M.Z. 2008, "Characterization of Ag-PEO10LiCF3SO3 -polypyrrole-Au neural switch", *WSEAS Transactions on Computers*, vol. 7, no. 8, pp. 1139-1148.
241. Iskandarani, M.Z. 2008, "Effect of information and communication technologies (ICT) on non-industrial countries-digital divide model", *Journal of Computer Science*, vol. 4, no. 4, pp. 315-319.
242. Iskandarani, M.Z. 2006, "Design, modeling, and implementation of a re-programmable neural switch (RNS)", *Neural Network World*, vol. 16, no. 3, pp. 227-238.
243. Iskandarani, M.Z. 2006, "Mathematical modeling of the programing field in A neural switch using the semi-infinite coplanar electrode approximation", *Advances in Complex Systems*, vol. 9, no. 3, pp. 193-207.
244. Iskandarani, M.Z. & Shilbayeh, N.F. 2008, "Design, modeling and implementation of Pic based wireless control system to eliminate blind spots in vehicle side mirrors", *American Journal of Applied Sciences*, vol. 5, no. 10, pp. 1263-1268.

245. Iskandarani, M.Z. & Shilbayeh, N.F. 2005, "Remote meter communication system for reading and billing", *WSEAS Transactions and Communications*, vol. 4, no. 9, pp. 948-955.
246. Iskandarani, M.Z. & Shilbayeh, N.F. 2004, "Classification of herbs using an electronic nose system", *Neural Network World*, vol. 14, no. 3-4, pp. 261-273.
247. Iskandarani, M.Z. & Yaha, A.A. 2005, "Neural network based optical character recognition system", *Proceedings of the 2005 International Conference on Computer Vision, VISION'05*, pp. 150.
248. Jaber, K.M., Abdullah, R. & Abdul Rashid, N. 2012, "HDT-HS: A hybrid decision tree/harmony search algorithm for biological datasets", *2012 International Conference on Computer and Information Science, ICCIS 2012 - A Conference of World Engineering, Science and Technology Congress, ESTCON 2012 - Conference Proceedings*, pp. 341.
249. Jaber, K.M., Abdullah, R. & Rashid, N.A. 2014, "Fast decision tree-based method to index large DNA-protein sequence databases using hybrid distributed-shared memory programming model", *International Journal of Bioinformatics Research and Applications*, vol. 10, no. 3, pp. 321-340.
250. Jaber, K.M., Al-Khatib, R.M., Taghizadeh, A. & Al-Khateeb, A. 2013, "Efficient extraction method for biological data using boyer-moore search algorithm", *Creating Global Competitive Economies: 2020 Vision Planning and Implementation - Proceedings of the 22nd International Business Information Management Association Conference, IBIMA 2013*, pp. 1274.
251. Jallad, A.-M. & Mohammad, L.B. 2013, "Comparative analysis of middleware for multi-processor system-on-chip (MPSoC)", *2013 9th International Conference on Innovations in Information Technology, IIT 2013*, pp. 113.
252. Jannoud, I.A. 2007, "Automatic Arabic hand written text recognition system", *American Journal of Applied Sciences*, vol. 4, no. 11, pp. 859-866.
253. Jannoud, I.A. & Masoud, M.Z. 2015, *On understanding centrality in directed citation graph*.
254. Jannoud, I.A. & Masoud, M.Z. 2014, "On understanding centrality in directed citation graph", *ARPN Journal of Engineering and Applied Sciences*, vol. 9, no. 8, pp. 1205-1208.

255. Jarab, A.S., Almrayat, R., Alqudah, S., Thehairat, E., Mukattash, T.L., Khoury, M. & Pinto, S. 2014, "Predictors of non-adherence to pharmacotherapy in patients with type 2 diabetes", *International Journal of Clinical Pharmacy*, vol. 36, no. 4, pp. 725-733.
256. Jarab, A.S., AlQuudah, S.G., Khoury, M., Shamssain, M. & Mukattash, T.L. 2012, "Impact of pharmaceutical care on health outcomes in patients with COPD", *International Journal of Clinical Pharmacy*, vol. 34, no. 1, pp. 53-62.
257. Jarab, A.S., Alqudah, S.G., Mukattash, T.L., Shattat, G. & Al-Qirim, T. 2012, "Randomized controlled trial of clinical pharmacy management of patients with type 2 diabetes in an outpatient diabetes clinic in jordan", *Journal of Managed Care Pharmacy*, vol. 18, no. 7, pp. 516-526.
258. Jaradat, H., Alsayyed, O. & Al-Shara, S. 2008, "Numerical solution of linear integro-differential equations", *Journal of Mathematics and Statistics*, vol. 4, no. 4, pp. 250-254.
259. Jarrah, S.S. & Kamel, A.A. 2012, "Attitudes and practices of school-aged girls towards menstruation", *International journal of nursing practice*, vol. 18, no. 3, pp. 308-315.
260. Joudeh, B.R. 2013, "Scattering properties of ground-state spin-polarized atomic hydrogen", *Physica B: Condensed Matter*, vol. 421, pp. 41-45.
261. Kamel, A.A., Bond, A.E. & Froelicher, E.S. 2012, "Depression and caregiver burden experienced by caregivers of Jordanian patients with stroke", *International journal of nursing practice*, vol. 18, no. 2, pp. 147-154.
262. Kanaan, R.A., Aldwaik, M. & Al-Hanbali, O.A. 2006, "The role of connective tissue growth factor in skeletal growth and development", *Medical Science Monitor*, vol. 12, no. 12, pp. RA277-RA281.
263. Khalaf, R.A., Abdula, A.M., Mubarak, M.S. & Taha, M.O. 2011, "Discovery of new  $\beta$ -D-glucosidase inhibitors via pharmacophore modeling and QSAR analysis followed by in silico screening", *Journal of Molecular Modeling*, vol. 17, no. 3, pp. 443-464.
264. Khalaf, R.A., Sheikha, G.A., Al-Sha'er, M., Albadawi, G. & Taha, M. 2012, "Design, synthesis, and biological evaluation of sulfonic acid ester and benzenesulfonamide derivatives as potential CETP inhibitors", *Medicinal Chemistry Research*, vol. 21, no. 11, pp. 3669-3680.
265. Khamis, F.G. 2012, "Measuring the spatial correlation of unemployment in Iraq-2007", *Modern Applied Science*, vol. 6, no. 1, pp. 17-27.

266. Khamis, F.G. 2012, "The relationship between health and household economic status using spatial measures in Iraq, 2004", *International Journal of Quality, Statistics, and Reliability*, vol. 2012.
267. Khamis, F.G. & El-Refae, G.A. 2012, "Examining the relationship between spatial patterns of household deprivation and some socioeconomic indexes in Iraq-2004", *Asian Social Science*, vol. 8, no. 12, pp. 95-108.
268. Khamis, F.G. & EL-Refae, G.A. 2012, "Investigating spatial clustering of chronic diseases at governorate level in Iraq-2007", *Journal of Applied Sciences*, vol. 12, no. 15, pp. 1564-1571.
269. Khamis, F.G. & Ibrahim, A.A.J.K. 2010, "On a comparison between two measures of spatial association", *Journal of Modern Applied Statistical Methods*, vol. 9, no. 1, pp. 116-128.
270. Khatieb, M.E., Abdulsalam Alani, H.R. & Hasan, W. 2014, "Development of a new truss quadratic quadrilateral macro-element", *Jordan Journal of Civil Engineering*, vol. 8, no. 4, pp. 406-419.
271. Khoury, M.R., Hallak, H.O., Shaeen, M., Jarab, A.S. & Al-Shahed, Q.N. 2013, "Prevalence, awareness, treatment and control of hypertension in the Palestinian population", *Journal of human hypertension*, vol. 27, no. 10, pp. 623-628.
272. Khoury, M.R., Jarab, A.S., Adas, H.O., Samaro, E.Z., Mukattash, T.L. & Hallak, H.O. 2012, "Identification of drug-related problems: A prospective study in two general hospitals", *Current Clinical Pharmacology*, vol. 7, no. 4, pp. 276-281.
273. Khudhur, I.A.G. & Mehabes, F.J. 2012, "Impact of epilepsy on patient's physical and psychosocial functioning: Iraqi study", *Health Science Journal*, vol. 6, no. 3, pp. 563-575.
274. Kittaneh, F. & Manasrah, Y. 2011, "Reverse young and heinz inequalities for matrices", *Linear and Multilinear Algebra*, vol. 59, no. 9, pp. 1031-1037.
275. Kittaneh, F. & Manasrah, Y. 2010, "Improved Young and Heinz inequalities for matrices", *Journal of Mathematical Analysis and Applications*, vol. 361, no. 1, pp. 262-269.
276. Kuhn, N., Al-Sheikh, A., Maichlemößmer, C., Steimann, M. & Sweidan, K. 2007, "The crystal structure of 5-bis(thiomethyl)methylene meldrum's acid [1]", *Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences*, vol. 62, no. 9, pp. 1221-1223.

277. La'aro Bolaji, A., Tajudin Khader, A., Azmi Al-Betar, M. & Awadallah, M.A. 2011, "An improved artificial bee colony for Course Timetabling", *Proceedings - 2011 6th International Conference on Bio-Inspired Computing: Theories and Applications, BIC-TA 2011*, pp. 9.
278. Lim, T.Y., Al-Betar, M.A. & Khader, A.T. 2015, "Adaptive pair bonds in genetic algorithm: An application to real-parameter optimization", *Applied Mathematics and Computation*, vol. 252, pp. 503-519.
279. Maslat, A.O., Al-Hamdany, R., Fataftah, Z., Mahrath, A.J. & Abussaud, M.J. 2003, "Genotoxicity, antifungal and antibacterial activity of newly synthesized N-(3-phthalidyl)amines and o-benzoyl benzamide derivatives", *Toxicological and Environmental Chemistry*, vol. 85, no. 4-6, pp. 149-157.
280. Maslat, A.O., Bkhaitan, M. & Sheikha, G.A. 2007, "Study of the effects on DNA of two novel nucleoside derivatives synthesized as potential anti-HIV agents", *Drug and chemical toxicology*, vol. 30, no. 1, pp. 41-53.
281. Masoud, F.A.M., Al-Zoubi, M.B., Salah, I. & Al-Dahoud, A. 2008, "Fast algorithms for outlier detection", *Journal of Computer Science*, vol. 4, no. 2, pp. 129-132.
282. Masoud, M., Jaradat, Y., Jannoud, I. & Alheyasat, O. 2015, "A measurement study of the quality of zero line programming technique for smartphones' applications", *International Journal on Communications Antenna and Propagation*, vol. 5, no. 4, pp. 222-226.
283. Masoud, M.Z. & Jannoud, I.A. 2014, *Studying the impact of 32-bits AS numbers on constructing internet AS graphs*.
284. Masoud, N.M.H. 2013, "The impact of stock market performance upon economic growth", *International Journal of Economics and Financial Issues*, vol. 3, no. 4, pp. 788-798.
285. Maswadeh, H.A., Al-Hanbali, O.A., Kanaan, R.A., Shakya, A.K. & Maraqa, A. 2010, "Testing lyoequivalency for three commercially sustained-release tablets containing diltiazem hydrochloride", *Acta Poloniae Pharmaceutica - Drug Research*, vol. 67, no. 1, pp. 93-97.
286. Mazhar, A.A. & Abdalla, A.M. 2015, "Joint reference frame inter-mode selection for fast H.264 video coding", *Signal, Image and Video Processing*, .
287. Mghawish, A., AbdelQader, A.A., Al-Jezawi, M.A. & AbuMahfouz, M. 2012, "Multi function control system using GSM modem based SM5100B module", *2012 International Conference for Internet Technology and Secured Transactions, ICITST 2012*, pp. 515.

288. Mghawish, A., Mazur, Z., Michalec, P. & Woda, M. 2006, "Processing transactions with temporal-probabilistic description", *WSEAS Transactions on Information Science and Applications*, vol. 3, no. 6, pp. 1169-1172.
289. Mitrović, D., Ivanović, M., Vidaković, M. & Al-Dahoud, A. 2012, "Developing software agents using enterprise javabeans", *CEUR Workshop Proceedings*, pp. 147.
290. Mizher, M.A., Al-Sharaeh, S.H., Ang, M.C., Abdalla, A.M. & Mizher, M.A. 2015, "Centroid dynamic sink location for clustered wireless mobile sensor networks", *Journal of Theoretical and Applied Information Technology*, vol. 73, no. 3, pp. 481-491.
291. Mohammed, L.B., Hamdan, M.A., Abdelhafez, E.A. & Shaheen, W. 2013, "Hourly solar radiation prediction based on nonlinear autoregressive exogenous (narx) neural network", *Jordan Journal of Mechanical and Industrial Engineering*, vol. 7, no. 1, pp. 11-18.
292. Muhairat, M., Aldaaejeh, S. & Al-Qutaish, R.E. 2010, "The impact of global software development factors on effort estimation methods", *European Journal of Scientific Research*, vol. 46, no. 2, pp. 221-232.
293. Muhairat, M.I., Al-Qutaish, R.E. & Abdelqader, A.A. 2010, "UML diagrams generator: A new case tool to construct the use-case and class diagrams from an event table", *Journal of Computer Science*, vol. 6, no. 3, pp. 253-260.
294. Muhairat, M.I., Al-Qutaish, R.E. & Athamena, B.M. 2011, "From graphical user interface to domain class diagram: A reverse engineering approach", *Journal of Theoretical and Applied Information Technology*, vol. 24, no. 1, pp. 28-40.
295. Mukattash, T.L., Nuseir, K.Q., Biltaji, E., Jarab, A.S. & Alefan, Q. 2015, "Students' perceptions of pharmacy as a specialization and their future career, a cross sectional study of final year pharmacy students in Jordan", *Jordan Journal of Pharmaceutical Sciences*, vol. 8, no. 3, pp. 195-205.
296. Mukattash, T.L., Shara, M., Jarab, A.S., Al-Azzam, S.I., Almaaytah, A. & Al Hamarneh, Y.N. 2012, "Public knowledge and awareness of cardiovascular disease and its risk factors: A cross-sectional study of 1000 Jordanians", *International Journal of Pharmacy Practice*, vol. 20, no. 6, pp. 367-376.

297. Mukattash, T.L., Tahaineh, L., AlRawi, N., Jarab, A., Hammad, H. & Nuseir, K. 2013, "Behaviors and attitudes towards dysmenorrhea; A crosssectional survey of 2,000 Jordanian University students", *Jordan Medical Journal*, vol. 47, no. 1, pp. 26-34.
298. Mukattash, T.L., Wazaify, M., Khuri-Boulos, N., Jarab, A., Hawwa, A.F. & McElnay, J.C. 2011, "Perceptions and attitudes of Jordanian paediatricians towards off-label paediatric prescribing", *International Journal of Clinical Pharmacy*, vol. 33, no. 6, pp. 964-973.
299. Mula-Abed, W.-S. & Aughsteen, A.A. 2005, "Biochemical analysis of serum pancreatic amylase and lipase enzymes in patients with type 1 and type 2 diabetes mellitus (multiple letters) [1]", *Saudi medical journal*, vol. 26, no. 7, pp. 1158-1160.
300. Muslih, O.K. & Saleh, I.H. 2010, "Increasing Database Performance through Optimizing Structure Query Language Join Statement", *Journal of Computer Science*, vol. 6, no. 5, pp. 585-590.
301. Mustafa, K.M., Al-Qutaish, R.E. & Muhairat, M.I. 2009, "Classification of software testing tools based on the software testing methods", *2009 International Conference on Computer and Electrical Engineering, ICCEE 2009*, pp. 229.
302. Nabulsi, M.A. & Abdalla, A.M. 2008, "A method of deductive logical inference proofs", *Journal of Computer Science*, vol. 4, no. 4, pp. 345-348.
303. Nabulsi, M.A. & Abdalla, A.M. 2008, "The relationship between exclusive-Or and the unique existential quantifier", *Journal of Computer Science*, vol. 4, no. 9, pp. 741-743.
304. Nabulsi, M.A. & Al-Husainy, M.A.F. 2009, "Using combinational circuits for control purposes", *Journal of Computer Science*, vol. 5, no. 7, pp. 507-510.
305. Najim, N.A., El Refae, G.A. & Rashed, J.A.A. 2014, "Exploring the islamic view of spirituality and business", *Global Business and Economics Review*, vol. 16, no. 1, pp. 100-109.
306. Nawafleh, H.A., Abo Zead, S.A.-. & Al-Maghairehc, D.F. 2012, "Pulmonary Function Test: The value among smokers and nonsmokers", *Health Science Journal*, vol. 6, no. 4, pp. 703-713.
307. Nawaiseh, M.E. 2015, "Do firm size and financial performance affect corporate social responsibility disclosure: Employees' and environmental dimensions?", *American Journal of Applied Sciences*, vol. 12, no. 12, pp. 967-981.

308. Nazzal, N.N. 2014, "Computing description of nominal sentence (A study in sentence that begins with first person single pronoun while having indefinite predicates, single, ja<sup>-</sup>mid, and not ida<sup>-</sup>fa to a single masculine word)", *Dirasat: Human and Social Sciences*, vol. 41, no. 3, pp. 878-901.
309. Noccioli, C., Luciardi, L., Barsellini, S., Favro, C., Bertoli, A., Bader, A., Loi, M.C. & Pistelli, L. 2012, "Flavonoids from two Italian genista species: Genista cilentina and genista sulcitana", *Chemistry of Natural Compounds*, vol. 48, no. 4, pp. 672-673.
310. Nostro, A., Cannatelli, M.A., Morelli, I., Cioni, P.L., Bader, A., Marino, A. & Alonzo, V. 2002, "Preservative properties of Calamintha officinalis essential oil with and without EDTA", *Letters in applied microbiology*, vol. 35, no. 5, pp. 385-389.
311. Nurellari, E., Aldalahmeh, S., Ghogho, M. & McLernon, D. 2014, "Quantized fusion rules for energy-based distributed detection in wireless sensor networks", *2014 Sensor Signal Processing for Defence, SSPD 2014*.
312. Nurellari, E., McLernon, D., Ghogho, M. & Aldalahmeh, S. 2014, "Optimal quantization and power allocation for energy-based distributed sensor detection", *European Signal Processing Conference*, pp. 141.
313. Obaidat, A. & Obaidat, R. 2011, "Development and evaluation of fast-dissolving tablets of meloxicam-β-cyclodextrin complex prepared by direct compression", *Acta Pharmaceutica*, vol. 61, no. 1, pp. 83-91.
314. Obaidat, R., Al-Jbour, N., Al-Sou'D, K., Sweidan, K., Al-Remawi, M. & Badwan, A. 2010, "Some physico-chemical properties of low molecular weight chitosans and their relationship to conformation in aqueous solution", *Journal of Solution Chemistry*, vol. 39, no. 4, pp. 575-588.
315. Obaidat, R.M., Bader, A., Al-Rajab, W., Sheikha, G.A. & Obaidat, A.A. 2011, "Preparation of mucoadhesive oral patches containing tetracycline hydrochloride and carvacrol for treatment of local mouth bacterial infections and candidiasis", *Scientia Pharmaceutica*, vol. 79, no. 1, pp. 197-212.
316. Obaidat, R.M., Sweidan, K., Al-Rajab, W., Khanfar, M., Abu-Hwaij, R., Al-Hiari, Y. & Al-Gharabli, S. 2010, "Development of local, mucoadhesive, sustained release patches of tetracyclinen hydrochloride for treatment of mouth infections: A preliminary in vitro

- study", *European Journal of Parenteral and Pharmaceutical Sciences*, vol. 15, no. 4, pp. 111-118.
317. Obeidat, Q.T., Campbell, T.A. & Kong, J. 2015, "Introducing the Edges Paradigm: A P300 Brain-Computer Interface for Spelling Written Words", *IEEE Transactions on Human-Machine Systems*, vol. 45, no. 6, pp. 727-738.
318. Okoor, S., Al-Khateeb, A. & Odeh, I. 2010, "Longitudinal coupling impedance for particle beams with Gaussian charge distributions in the longitudinal and transverse directions", *Canadian Journal of Physics*, vol. 88, no. 8, pp. 597-605.
319. Omoush, K.S.A., Alqirem, R.M. & Ajlouni, M.I. 2013, "The role of web-based group decision support systems in clarifying the collective intelligence: Measuring the outcomes", *Journal of Theoretical and Applied Information Technology*, vol. 47, no. 1, pp. 115-128.
320. Oreku, G.S., Mtenzi, F.J. & Ali, A.-. 2013, "A viewpoint of Tanzania E-commerce and implementation barriers", *Computer Science and Information Systems*, vol. 10, no. 1, pp. 263-281.
321. Pawlowska, A.M., Camangi, F., Bader, A. & Braca, A. 2009, "Flavonoids of Zizyphus jujuba L. and Zizyphus spina-christi (L.) Willd (Rhamnaceae) fruits", *Food Chemistry*, vol. 112, no. 4, pp. 858-862.
322. Prieto, J.-., Bader, A., Martini, F., Ríos, J.-. & Morelli, I. 2005, "Screening of some rare endemic Italian plants for inhibitory activity on 5-lipoxygenase", *Fitoterapia*, vol. 76, no. 7-8, pp. 725-727.
323. Qasaimeh, A., Qasaimeh, M., Abu Salem, Z., Melhem, K., Hani, F.B. & Abdallah/Qasaimeh, M.R. 2015, "Adaptive sugeno fuzzy clustering system for intelligent monitoring of inorganic materials in wastewater aeration tanks", *Research Journal of Environmental Toxicology*, vol. 9, no. 6, pp. 290-304.
324. Qinna, N.A., Muhi-eldeen, Z.A., Ghattas, M., Alhussainy, T.M., Al-Qaisi, J. & Matalka, K.Z. 2012, "Non-selective inhibition of cyclooxygenase enzymes by aminoacetylenic isoindoline 1,3-Diones", *Inflammation and Allergy - Drug Targets*, vol. 11, no. 5, pp. 369-374.

325. Rabab'ah, Y. & Nazza, N. 2015, "Last speech of President Ben Ali between authorization and undermining: (Study in the Analysis of Political Discourse)", *Dirasat: Human and Social Sciences*, vol. 42, no. 3, pp. 751-768.
326. Ramamurthy, A.S., Tadayon, R. & Al Kayed, M. 2012, "LDA measurement in cylindrical containers without using planar secondary units", *Journal of Hydraulic Engineering*, vol. 138, no. 11, pp. 970-973.
327. Ramzoun, H.F. 2007, "The socio impact of the Jordanian woman labor migration to the Arab-Oil countries", *Dirasat: Human and Social Sciences*, vol. 34, no. 3, pp. 593-602.
328. Rawajbeh, M.A. & Haboush, A. 2015, "Advanced Object Monitoring Using Wireless Sensors Network", *Procedia Computer Science*, pp. 17.
329. Renno, W.M., Alkhafaf, M., Mousa, A. & Kanaan, R.A. 2008, "A comparative study of excitatory and inhibitory amino acids in three different brainstem nuclei", *Neurochemical research*, vol. 33, no. 1, pp. 150-159.
330. Ridha, M.B. 2012, "Linear programming model as a decision support system in knowledge management", *Proceedings - 2012 8th International Conference on Computing and Networking Technology (INC, ICCIS and ICMIC), ICCNT 2012*, pp. 95.
331. Ridzwan, B.H., Azizan, N.A., Zamli, Z., Zulkipli, F.H., Mazlan, N. & Althunibat, O.Y. 2014, "Toxicity effects of water extracts of Holothuria atra Jaeger in mice", *Asian Pacific Journal of Tropical Biomedicine*, vol. 4, no. 8, pp. 614-617.
332. Ristić, S., Luković, I., Aleksić, S., Banović, J. & Al-Dahoud, A. 2012, "An approach to the specification of user interface templates for business applications", *ACM International Conference Proceeding Series*, pp. 124.
333. Saad, S., Taher, M., Susanti, D., Qaralleh, H., Noorhaidi, N. & Awang, A.F.B. 2013, "Antimicrobial activity of mangrove plant Acrostichum speciosum", *Journal of Pure and Applied Microbiology*, vol. 7, no. SPEC. ISS. NOVEMB, pp. 253-257.
334. Sabbah, D.A., Saada, M., Khalaf, R.A., Bardaweel, S., Sweidan, K., Al-Qirim, T., Al-Zughier, A., Halim, H.A. & Sheikha, G.A. 2015, "Molecular modeling based approach, synthesis, and cytotoxic activity of novel benzoin derivatives targeting phosphoinositide 3-kinase (PI3Ka)", *Bioorganic and Medicinal Chemistry Letters*, vol. 25, no. 16, pp. 3120-3124.

335. Sabri, H. 2007, "Jordanian managers' leadership styles in comparison with the international air transport association (IATA) and prospects for knowledge management in Jordan", *International Journal of Commerce and Management*, vol. 17, no. 1-2, pp. 56-72.
336. Sabri, H.A. & El-Refae, G.A. 2006, "Accreditation in higher business education in the private sector: The case of Jordan", *Journal of Marketing for Higher Education*, vol. 16, no. 1, pp. 47-76.
337. Safadi, R. 2005, "Jordanian women: Perceptions and practices of first-time pregnancy", *International journal of nursing practice*, vol. 11, no. 6, pp. 269-276.
338. Sakhrieh, A. & Hamdan, M. 2012, "A study on the Jordanian oil shale resources and utilization", *AIP Conference Proceedings*, pp. 145.
339. Salah, M., Abdelhafez, E., Mallouh, M.A. & Hamdan, M. 2013, "Artificial neural networks-based modeling for electrical actuated automotive cooling systems", *2013 9th International Symposium on Mechatronics and Its Applications, ISMA 2013*.
340. Salamah, H. & Alnaji, L. 2014, "Challenges leading to projects struggle in IT project management office", *WSEAS Transactions on Business and Economics*, vol. 11, no. 1, pp. 262-271.
341. Salih, A.A. & Alnaji, L. 2014, "The impact of talent management in enhancing organizational reputation: An empirical study on the Jordanian Telecommunications Companies", *Journal of Applied Business Research*, vol. 30, no. 2, pp. 409-417.
342. Sallal, A.-J., El-Teen, K.H.A. & Abderrahman, S. 1996, "Effect of date extract on growth and morphology of Candida albicans", *Biomedical Letters*, vol. 53, no. 211, pp. 179-184.
343. Shahwan, M., Al-Qirim, T. & Bader, A. 2012, "Short-term feeding effects of origanum syriacum crude extract on immobilization stress induced antioxidant defense changes in rat", *Journal of Biological Sciences*, vol. 12, no. 7, pp. 421-425.
344. Shahwan, M., Shattat, G., Al-Qirim, T., Sheikha, G.A., Al-Hiari, Y., El-Huneidi, W., Jarab, A. & Al-Najdawi, M. 2010, "Synthesis and pharmacological evaluation of novel substituted and unsubstituted N-(benzoylphenyl)-1H-indole-2-carboxamides as potent antihypertriglyceridemic agents", *Zeitschrift fur Naturforschung - Section C Journal of Biosciences*, vol. 65 C, no. 5-6, pp. 309-316.

345. Shahwan, M.J., Al-Qirim, T.M. & Daradka, H. 2009, "Hypolipidaemic effects of Euphorbia prostrata in rabbits", *Journal of Biological Sciences*, vol. 9, no. 1, pp. 88-91.
346. Shaqrah, A. 2011, "Antecedents of security pillars in E-commerce applications", *International Journal of Business Data Communications and Networking*, vol. 7, no. 1, pp. 36-51.
347. Shaqrah, A.A., Al-Hashem, A. & Alqirem, R. 2013, "Social capital, attitude, expectations and quality of knowledge sharing in Jordanian knowledge stations", *International Journal of Knowledge-Based Development*, vol. 4, no. 2, pp. 185-199.
348. Shaqrah, A.A. & Alkhaldi, F.M. 2009, "An empirical model of the customer knowledge sharing management", *Creating Global Economies through Innovation and Knowledge Management Theory and Practice - Proceedings of the 12th International Business Information Management Association Conference, IBIMA 2009*, pp. 1259.
349. Shaqrah, A.A., Alomoush, K.S. & Al-Hashem, A. 2009, "A typology of tacit knowledge sharing themes to fostering group decision support system", *Knowledge Management and Innovation in Advancing Economies: Analyses and Solutions - Proceedings of the 13th International Business Information Management Association Conference, IBIMA 2009*, pp. 245.
350. Shattat, G., Al-Qirim, R., Al-Hiari, Y., Sheikha, G.A., Al-Qirim, T., El-Huneidi, W. & Shahwan, M. 2010, "Synthesis and anti-hyperlipidemic evaluation of N-(benzoylphenyl)-5-fluoro- 1H-indole-2-carboxamide derivatives in Triton WR-1339-induced hyperlipidemic rats", *Molecules*, vol. 15, no. 9, pp. 5840-5849.
351. Shattat, G., Al-Qirim, T., Sheikha, G.A., Al-Hiari, Y., Sweidan, K., Al-Qirim, R., Hikmat, S., Hamadneh, L. & Al-Kouz, S. 2013, "The Pharmacological effects of novel 5-fluoro-N-(9,10-dihydro-9,10- dioxoanthracen-8-yl)-1H-indole-2-carboxamide derivatives on plasma lipid profile of Triton-WR-1339-induced Wistar rats", *Journal of Enzyme Inhibition and Medicinal Chemistry*, vol. 28, no. 4, pp. 863-869.
352. Shattat, G., Al-Qirim, T., Sweidan, K., Shahwan, M., El-Huneidi, W. & Al-Hiari, Y. 2010, "The hypolipidemic activity of novel benzofuran-2-carboxamide derivatives in Triton WR-1339-induced hyperlipidemic rats: A comparison with bezafibrate", *Journal of Enzyme Inhibition and Medicinal Chemistry*, vol. 25, no. 6, pp. 751-755.

353. Shattat, G.F., Abuskeika, G.M., Al-Qirim, T.M., Huwaitat, R., El-Huneidi, W., Abu Khalaf, R., Al-Hiari, Y.M., Jasim, S.H. & Hamadaneh, L. 2015, "Novel pyrrole derivatives as potent lipid-lowering agents in Triton-WR-1339-induced hyperlipidemic rats", *Latin American Journal of Pharmacy*, vol. 34, no. 6, pp. 1258-1264.
354. Shehabat, I., Mahdi, S.A. & Khoualdi, K. 2009, "E-learning as a knowledge management approach for intellectual capital utilization", *Turkish Online Journal of Distance Education*, vol. 10, no. 1, pp. 159-170.
355. Shehabat, I., Mahdi, S.A. & Khoualdi, K. 2008, "E-learning as a knowledge management approach for intellectual capital utilization", *Turkish Online Journal of Distance Education*, vol. 9, no. 1, pp. 205-216.
356. Sheikha, G.A., Al-Sha'Er, M.A. & Taha, M.O. 2011, "Some sulfonamide drugs inhibit ATPase activity of heat shock protein 90: Investigation by docking simulation and experimental validation", *Journal of Enzyme Inhibition and Medicinal Chemistry*, vol. 26, no. 5, pp. 603-609.
357. Sheikha, G.A., Hussin, B., Al-Hiari, Y., Al-Qirim, T. & Shattat, G. 2011, "Synthesis of benzothiophene carboxamide derivatives and their pharmacological evaluation as potent antihypertriglyceridemic agents in rats", *Zeitschrift fur Naturforschung - Section C Journal of Biosciences*, vol. 66 C, no. 3-4, pp. 93-103.
358. Sheikha, G.A., Khalaf, R.A., Melhem, A. & Albadawi, G. 2010, "Design, synthesis, and biological evaluation of benzylamino-methanone based cholesteryl ester transfer protein inhibitors", *Molecules*, vol. 15, no. 8, pp. 5721-5733.
359. Shikara, M. & Al-Jaff, K.H.M. 2012, "A novel method for purifying a DNase from lysosomal fraction from human small intestine", *Turkish Journal of Biochemistry*, vol. 37, no. 2, pp. 188-195.
360. Shilbayeh, N.F. & Iskandarani, M.Z. 2008, "Effect of hidden layer neurons on the classification of optical character recognition typed Arabic numerals", *Journal of Computer Science*, vol. 4, no. 7, pp. 590-596.
361. Shilbayeh, N.F. & Iskandarani, M.Z. 2006, "A neural based intelligent interpretation system of detected gases using PbPc gas sensor array", *Information Technology Journal*, vol. 5, no. 5, pp. 982-987.

362. Shilbayeh, N.F. & Iskandarani, M.Z. 2006, "Analysis of PVT composite structure images using a Search Through algorithm", *WSEAS Transactions on Systems*, vol. 5, no. 11, pp. 2708-2712.
363. Shilbayeh, S. 2004, "Risk factors of coronary heart disease among Jordanians", *Saudi medical journal*, vol. 25, no. 10, pp. 1532-1534.
364. Shilbayeh, S. 2003, "Management of hyperlipidemia and the urgency for effective therapeutic drug monitoring", *Jordan Journal of Applied Sciences - Natural Sciences*, vol. 5, no. 1, pp. 1-25.
365. Shilbayeh, S. 2003, "Prevalence of osteoporosis and its reproductive risk factors among Jordanian women: A cross-sectional study", *Osteoporosis International*, vol. 14, no. 11, pp. 929-940.
366. Shilbayeh, S., S-Zumeili, A. & Hilow, H.M. 2004, "The efficacy and safety of Calidron tablets for management of osteoporosis in Jordanian women: A randomised clinical trial", *Saudi Pharmaceutical Journal*, vol. 12, no. 2-3, pp. 86-95.
367. Shilbayeh, S. & Tutunji, M.F. 2006, "Possible interethnic differences in omeprazole pharmacokinetics: Comparison of Jordanian Arabs with other populations", *Clinical pharmacokinetics*, vol. 45, no. 6, pp. 593-610.
368. Shilbayeh, S.A. & Jarrai, H.J. 2003, "Integration of hospital-based training in the clinical pharmacy and therapeutics course: "A reality or an illusion""", *Jordan Journal of Applied Sciences - Natural Sciences*, vol. 5, no. 2, pp. 32-41.
369. Siam, A.Z. & Rifai, F. 2012, "Business angels financing of entrepreneurial projects in Jordan", *European Journal of Social Sciences*, vol. 32, no. 2, pp. 277-289.
370. Siciliano, T., Bader, A., De Tommasi, N., Morelli, I. & Braca, A. 2005, "Sulfated pregnane glycosides from *Periploca graeca*", *Journal of natural products*, vol. 68, no. 8, pp. 1164-1168.
371. Siciliano, T., Bader, A., Vassallo, A., Braca, A., Morelli, I., Pizza, C. & De Tommasi, N. 2005, "Secondary metabolites from *Ballota undulata* (Lamiaceae)", *Biochemical systematics and ecology*, vol. 33, no. 4, pp. 341-351.

372. Siciliano, T., De Leo, M., Bader, A., De Tommasi, N., Vrieling, K., Braca, A. & Morelli, I. 2005, "Pyrrolizidine alkaloids from Anchusa strigosa and their antifeedant activity", *Phytochemistry*, vol. 66, no. 13, pp. 1593-1600.
373. Srouji, A.F., Ab Halim, M.S., Lubis, Z. & Hamdallah, M.E. 2016, "International standards as corporate governance mechanisms and credibility gap in Jordan financial managers' point of view", *International Business Management*, vol. 10, no. 6, pp. 751-758.
374. Sudha, S., Samsudin, A. & Alia, M.A. 2009, "Group re-keying protocol based on modular polynomial arithmetic over galois field GF(2<sup>n</sup>)", *American Journal of Applied Sciences*, vol. 6, no. 9, pp. 1714-1717.
375. Suleiman, K.H. & Yates, B.C. 2011, "Translating the insomnia severity index into Arabic", *Journal of Nursing Scholarship*, vol. 43, no. 1, pp. 49-53.
376. Suleiman, K.H., Yates, B.C., Berger, A.M., Pozehl, B. & Meza, J. 2010, "Translating the pittsburgh sleep quality index into arabic", *Western journal of nursing research*, vol. 32, no. 2, pp. 250-268.
377. Sultan, S.S. & Shihab, I.A. 2012, "Jim Crace's Arcadia: A new variation on an old topic", *International Journal of Asia-Pacific Studies*, vol. 8, no. 2, pp. 145-166.
378. Sunjuk, M., Al-Noaimi, M., Al-Degs, Y., Al-Qirem, T., Lindner, E. & Abu-Surrah, A.S. 2009, "Higher α-olefins carbonylation in aqueous media by Pd(II) catalysts modified with substituted diphosphine ligands: Aqueous polyketone latices with high solid contents and molecular weights", *Journal of Polymer Science, Part A: Polymer Chemistry*, vol. 47, no. 23, pp. 6715-6725.
379. Sunjuk, M., Al-Noaimi, M., Sheikha, G.A., Lindner, E., El-Eswed, B. & Sweidan, K. 2009, "Synthesis and characterization of water-soluble palladium(II)-functionalized diphosphine complexes", *Polyhedron*, vol. 28, no. 8, pp. 1393-1398.
380. Sunoqrot, S., Bugno, J., Lantvit, D., Burdette, J.E. & Hong, S. 2014, "Prolonged blood circulation and enhanced tumor accumulation of folate-targeted dendrimer-polymer hybrid nanoparticles", *Journal of Controlled Release*, vol. 191, pp. 115-122.
381. Susanti, D., Awang, N.A., Qaralleh, H., Sheikh Mohamed, H.I. & Attoumani, N. 2013, "Antimicrobial Activity and Chemical Composition of Essential Oil of Malaysian *Etlingera elatior*

(Jack) R.M. Smith Flowers", *Journal of Essential Oil-Bearing Plants*, vol. 16, no. 2, pp. 294-299.

382. Suwaidan, M.S. & Qasim, A. 2010, "External auditors' reliance on internal auditors and its impact on audit fees: An empirical investigation", *Managerial Auditing Journal*, vol. 25, no. 6, pp. 509-525.
383. Sweidan, K., Abu-Rayyan, A., Al-Sheikh, A., Maichle-Mößmer, C., Steimann, M. & Kuhn, N. 2009, "Synthesis, structure and reactions of 1,3-dimethyl-5-bis(thiomethyl)methylenebarbituric acid", *Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences*, vol. 64, no. 1, pp. 106-110.
384. Sweidan, K., Abu-Salem, Q., Al-Sheikh, A. & Abu Sheikha, G. 2009, "Novel derivatives of 1,3-dimethyl-5-methylenebarbituric acid", *Letters in Organic Chemistry*, vol. 6, no. 8, pp. 669-672.
385. Sweidan, K., Al-Sheikh, A., Maichle-Mößmer, C., Steimann, M. & Kuhn, N. 2010, "Novel Synthetic Routes To 1,3,1',3'-Tetramethyl-Hydurilic Acid and Tetramethylalloxantine (Amalic Acid) and Their Crystal Structures", *Journal of Structural Chemistry*, vol. 51, no. 4, pp. 793-797.
386. Sweidan, K., Al-Sheikh, A., Sweileh, B., Sunjuk, M. & Kuhn, N. 2009, "Synthesis of Phosphorus, arsenic and antimony ylides containing the 1,3-dimethyl-2,4,6(1H,3H,5H)-pyrimidinetrione fragments", *Letters in Organic Chemistry*, vol. 6, no. 1, pp. 1-3.
387. Sweidan, K., Engelmann, J., Rayyan, W.A., Sabbah, D., Zarga, M.A., Al-Qirim, T., Al-Hiari, Y., Sheikha, G.A. & Shattat, G. 2015, "Synthesis and preliminary biological evaluation of new heterocyclic carboxamide models", *Letters in Drug Design and Discovery*, vol. 12, no. 5, pp. 417-429.
388. Sweidan, K., Kuhn, N. & Maichle-Mössmer, C. 2009, "Crystal structure of 1,3-diisopropyl-4,5-dimethylimidazolium E-2-cyano-1-phenylethenolate, (C<sub>11</sub>H<sub>21</sub>N<sub>2</sub>)(C<sub>9</sub>H<sub>6</sub>NO)", *Zeitschrift fur Kristallographie - New Crystal Structures*, vol. 224, no. 2, pp. 295-296.
389. Sweidan, K., Kuhn, N., Maichle-Mößmer, C. & Steimann, M. 2010, "Reaction of a zwitterionic pyridinium ylide with N,N-dimethylaniline", *Zeitschrift fur Naturforschung - Section B Journal of Chemical Sciences*, vol. 65, no. 1, pp. 99-100.

390. Sweidan, K., Rayyan, W.A., Zarga, M.A., El-Abadelah, M.M. & Mohammad, H.A.Y. 2014, "Synthesis and antibacterial evaluation of model fluoroquinolone-benzylidene barbiturate hybrids", *Letters in Organic Chemistry*, vol. 11, no. 6, pp. 422-425.
391. Sweidan, K., Sabbah, D.A., Engelmann, J., Abdel-Halim, H. & Sheikha, G.A. 2015, "Computational docking studies of novel heterocyclic carboxamides as potential PI3K $\alpha$  inhibitors", *Letters in Drug Design and Discovery*, vol. 12, no. 10, pp. 856-863.
392. Taha, M.O., Qandil, A.M., Al-Haraznah, T., Khalaf, R.A., Zalloum, H. & Al-Bakri, A.G. 2011, "Discovery of New Antifungal Leads via Pharmacophore Modeling and QSAR Analysis of Fungal N-Myristoyl Transferase Inhibitors Followed by In Silico Screening", *Chemical Biology and Drug Design*, vol. 78, no. 3, pp. 391-407.
393. Taha, M.O., Tarairah, M., Zalloum, H. & Abu-Sheikha, G. 2010, "Pharmacophore and QSAR modeling of estrogen receptor  $\beta$  ligands and subsequent validation and in silico search for new hits", *Journal of Molecular Graphics and Modelling*, vol. 28, no. 5, pp. 383-400.
394. Tamimi, A.A. & Abdalla, A.M. 2014, "An audio shuffle-encryption algorithm", *Lecture Notes in Engineering and Computer Science*, pp. 409.
395. Tamimi, A.A. & Abdalla, A.M. 2012, "A double-shuffle image-encryption algorithm", *Proceedings of the 2012 International Conference on Image Processing, Computer Vision, and Pattern Recognition, IPCV 2012*, pp. 496.
396. Testai, L., Silvio, C., Ammar, B., Luisa, P., Vincenzo, C. & Martinotti, E. 2005, "Vasorelaxant effects of the chloroformic crude extract of Bupleurum fruticosum L. (Umbelliferae) roots on rat thoracic aorta", *Journal of ethnopharmacology*, vol. 96, no. 1-2, pp. 93-97.
397. Vassallo, A., Bader, A., Braca, A., Bisio, A., Rastrelli, L., De Simone, F. & De Tommasi, N. 2008, "Secondary metabolites from the roots of Salvia palaestina Bentham", *Natural Product Communications*, vol. 3, no. 12, pp. 1967-1970.
398. Yahya, A.A. & Abdalla, A.M. 2008, "A Shuffle Image-Encryption Algorithm", *Journal of Computer Science*, vol. 4, no. 12, pp. 999-1002.
399. Yamin, J. & Hamdan, M. 2010, "Simulation of an electrical engine powered by fuel cell-solar energy hybrid system", *International Journal of Electric and Hybrid Vehicles*, vol. 2, no. 4, pp. 308-314.

400. Yaseen, S.G. & Omoush, K.S.A. 2013, "Investigating the engage in electronic societies via Facebook in the Arab world", *International Journal of Technology and Human Interaction*, vol. 9, no. 2, pp. 20-38.
401. Yaseen, S.G. & Zayed, S. 2010, "Exploring critical determinants in deploying mobile commerce technology", *American Journal of Applied Sciences*, vol. 7, no. 1, pp. 120-126.
402. Yaseen, S.G. & Zayed, S. 2010, "Exploring critical determinants in deploying mobile commerce technology", *International Journal of Information Science and Management*, , no. SPL.ISSUE2, pp. 35-46.
403. Yaseen, S.G. & Zayed, S. 2010, "Exploring determinants in deploying mobile commerce technology: Amman stock exchange", *2010 International Conference on Information Society, i-Society 2010*, pp. 612.
404. Yehia, D.B.M., Callister, L.C. & Hamdan-Mansour, A. 2013, "Prevalence and predictors of postpartum depression among Arabic Muslim Jordanian women serving in the military", *Journal of Perinatal and Neonatal Nursing*, vol. 27, no. 1, pp. 25-33.
405. Zaidi, S.M.K.R., Al-Qirim, T.M. & Banu, N. 2005, "Effects of antioxidant vitamins on glutathione depletion and lipid peroxidation induced by restraint stress in the rat liver", *Drugs in R and D*, vol. 6, no. 3, pp. 157-165.
406. Zamojski, W., Walkowiak, T., Adamiec, R. & Ali, A.-. 2009, "New approach to e-lecturing", *International Journal of Internet Technology and Secured Transactions*, vol. 1, no. 3-4, pp. 272-284.
407. Zhuravkov, M., Pavlov, S. & Amjad, A.-. 2004, "Applied theory of cracks behavior in rock massifs", *ECCOMAS 2004 - European Congress on Computational Methods in Applied Sciences and Engineering*.
408. Zraiqat, A. 2014, "Equivalence relations between absolute riezs and the product of two absolute riezs summability methods", *Lecture Notes in Engineering and Computer Science*, pp. 893.
409. Zraiqat, A. & Al-Madi, A.K. 2013, "On translativity of the product of Riesz Nörlund summability methods", *Applied Mathematical Sciences*, vol. 7, no. 33-36, pp. 1601-1610.
410. Zraiqat, A. & Dababneh, A. 2013, "Study of development of cracks under compressive stresses", *Applied Mathematical Sciences*, vol. 7, no. 33-36, pp. 1611-1622.

