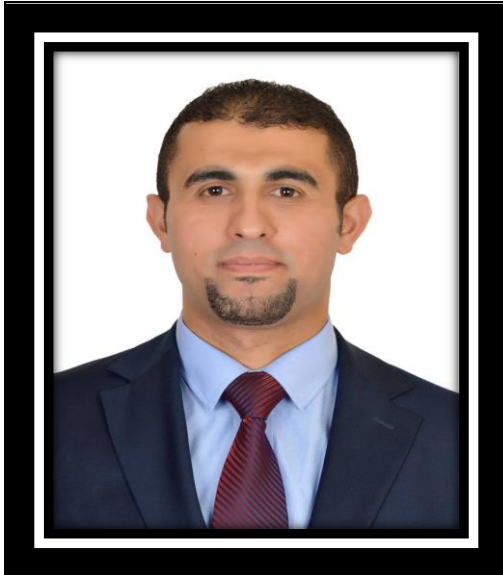


Curriculum Vitae



Associate Professor. AMMAR ALI DEEB ALMOMANI

Email: Ammarnav6@bau.edu.jo

Email: Ammarnav6@gmail.com

Skype: [ammarnav6](https://www.skype.com/people/ammarnav6)

[Google Website Link](#)

[Google Scholar Link](#)

ORCID Author ID: <https://orcid.org/0000-0002-8808-6114>

SCOPUS Author ID: 51664568700

{Current Address}: Dept. of Information Technology, Al-Huson
University College, Al- Balqa Applied University, p.o box 50, Irbid,
country: Jordan.

Tel: +962772638417

Marital status: Married

Nationality: Jordanian

Religion: Islam

Date Of Birth : May / 27 / 1981

THE SUMMARY AND OBJECTIVE ✓

Dr. Ammar Almomani received his PhD Degree from Universiti Sains Malaysia(USM) in 2013. He has published more than 65 research papers in International Journals and Conferences of high repute including IEEE, Elsevier, ACM, Springer, Inderscience, etc. with many international awards, He has visited several countries to present his research work, he is serving as reviewer for Journals of IEEE, Springer, Wiley, Taylor & Francis, etc. One of his publication in 2013 was in journal "IEEE Communications Surveys & Tutorials" impact factor (22.97) and scopus(Q1). His research interest includes advanced Internet security and monitoring, currently, Associate professor and senior lecturer at Al- Balqa Applied University, the main objective is, To improve my self in more educational institutes, I can develop and improve computer Networking generally and in the field of internet infrastructure security based on artificial intelligence specifically, other interested in Botnet, IoT, cloud computing. The second objective of my research studying is to improve my country to have a high position in the information technology world, to excel in my field through hard work, research, skills, and perseverance to serve my country, students and the educational institution in which I work with all my research and academic capabilities together.

EDUCATION.

From Aug-2010 to March -2013:

Doctor of Philosophy (Ph.D.) from Universiti Sains Malaysia (USM).

National Advanced IPv6 Centre of Excellence (N10617AV6). My research programme: Advanced computer networks.

Area: Advanced Internet Security and monitoring.

The research field: Internet Infrastructures security.

Thesis Title: Dynamic Evolving Neural Fuzzy Framework for phishing E-mail detection.

Note: *Universiti Sains Malaysia (USM)* is one of the best universities in the world and have a high ranking. *Ranked 111th* in the World University, *Rankings 2004.***Note:** *NAV6* is ranking one in *Universiti Sains Malaysia (USM)*

From Jun-2004 to Nov-2005:

Master of Science (M.S.), Computer Information System

The Arab Academy for Banking and Financial Sciences (AABFS), Jordan grading **Very Good (80.5)**, My thesis was entitled in (Electronic Commerce Security). The study aimed to give a developer a very detailed and reproducible guideline for the development of a typical web application. It has shown the common flaws that emerged in popular web applications.

From Sep-1999 to March-2003:

Bachelor of Science (B.Sc.), Computer Science

Mutah University, Jordan. (**Good degree**) Project designed to serve the Ministry of Tourism's web site the researchers used cold fusion programming language. My Bachelor degree fully supported by my Jordanian government.

From Jan-1999 to Sep 1999:

Secondary Education - Scientific, Ibiin school, Jordan, **Very Good degree**

SUMMARY OF EDUCATION EXPERIENCE.

More than 16 years' of cumulative experience

1. **Associate professor** and senior lecturer at **Al-Balqa Applied University**, Al-Huson University College, Dept. of Information Technology,50, Irbid, Jordan. From 15/9/2019- until now.
2. **Assistant professor** and senior lecturer at **Al-Balqa Applied University**, Al-Huson University College, Dept. of Information Technology,50, Irbid, Jordan. From 18-Sep-2016.
3. **One** year as **Assistant professor** and senior lecturer at College of Computer and Information Sciences- Al-Imam Muhammad Ibn Saud Islamic University -Kingdom of Saudi Arabia, from 15-Sep-2015 until 15-sep-2016.
4. **Two** years as **Assistant professor** and senior lecturer at **Al-Balqa Applied University**, Al-Huson University College, Dept. of Information Technology,50, Irbid, Jordan. From 10-Sep-2013- 10-Sep-2015.
5. **Adjunct Researcher** with *Universiti Sains Malaysia (USM)* -National Advanced IPv6 Centre of Excellence (NAV6). From 1-March-2013 until now.
6. **Four** years and two months working as a lecturer in **Saudi Arabia - king Khalid university** - department of computer science From 02/09/2006 until 16/09/2010
7. **Three** years working with the **National Information technology Centre (NITC)** in electronic government network project as a trainer in the information technology field, from 26/5/2003 until 28/8/2006.

Management experience

1. **Currently, I am working as Head of IT department** and senior lecturer at Al-Balqa Applied University, Al-Huson University College, 50, Irbid, Jordan From 18-Sep-2018- until 20-9-2020.
2. A representative of the Information Technology Department, Al-Huson University College, Dept. of Information Technology, 50, Irbid, Jordan From 16-Sep-2018- until 17-Sep-2018.
3. Member of the Scientific Research Committee at Al-Balqa Applied University, Al-Huson University College, form 16-Sep-2018- until now.
4. Member of the Committee of the establishment of the schedule of Al-Huson University College and Dept. of Information Technology form 16-Sep-2018- until now.
5. Member of the Social Committee Committee at Al-Balqa Applied University, Al-Huson University College, form 17-Sep-2018- until now.
6. Member of the committee of student discipline From 10-1-2019 until now .
7. Chairman of the Elections Committee Al-Balqa Applied University, Al-Huson University College 2019

PROFESSIONAL EXPERIENCE

Lecturer in Al-Imam Muhammad Ibn Saud Islamic University,

College of Computer and Information Sciences.

Courses:

-
1. The concept of programming language.
 2. Introduction to Computer.
 3. Introduction to the information system.
 4. Metadata
 5. Network security
 6. Requirements Engineering
 7. web programming
 8. research methodology

Lecturer in Al- Balqa Applied University

Department of Information Technology

Courses:

9. Data Communication & Networking
10. C++ programming language
11. Java programming language with Object Oriented using java
12. Web application programming
13. Operating system

14. Software development business
15. Programming languages and their applications in business
16. Multimedia
17. special topics (research methodology)
18. Supervise on many undergraduate projects
19. Computer skills (1)
20. Cryptography
21. Data communication
22. Network management and communications
23. cloud computing and security
24. Wireless Computer Networks
25. Information System Security

Lecturer in King Khalid University

Department of Computer Science

Courses:

26. Advanced visual basic.net programming
27. Advanced communication & computer networks
28. C++ programming language & data structure
29. Computer maintenance & data protection
30. Multimedia and its management
31. Designing & evaluating educational programs
32. Artificial intelligent
33. Operating systems
34. Electronic commerce
35. International Computer Driving License (ICDL)
36. Supervisor on many of graduation projects

Trainer in Jordanian knowledge stations for:

37. International Computer Driving License (ICDL)
38. Programming language (visual basic 6)(visual basic.net)(HTML)(java.)
39. programming language (quick basic)
40. Basic Design (FLASH MX) programme
41. Participation in (ENTEL) project.
42. Electronic Commerce
43. Leadership trainers and groups participating

44. Excellent experience in using Network simulation program like OPNET, Matlab, weka, NeuCom student, Packet traces CISCO.

PROFESSIONAL WORKSHOPS AND TRAINING COURSE

Workshops:

- 1- Role of technology in society Sponsored by National information technology center- 2003
- 2- The national week for population Sponsored by the institution of helping the children - 2004
- 3- Role of Jordan knowledge stations in digital divide Sponsored by the ministry of education and learning – 2005
- 4- The effect of information technology in remote& rural areas Sponsored by National information technology center - 2006
- 5- Electronic education, and distance learning Sponsored by National information technology Centre 2006
- 6- E-Government program Ministry of information and communication technology – 2006
- 7- Electronic learning Sponsored by King Khalid university 2007
- 8- National Advanced IPv6 Centre Of Excellence_(NAV6)- Workshop.2009
- 9- IPV6 Regional workshop -Kuala Lumpur-19-21 July 2011
- 10- IPv6 Security Seminar in Universiti Malaya-Dec-2012
- 11- Pioneers Microsoft Day, pioneer academy in *Applied Science University*-5-4-2014.
- 12- Oracle club, basic java programming concept by animation 3d Objects, create 2D Game in Java, Yarmouk University, Monday, 24-April-2017, from 11:00 am-1:00 pm, KHZ lab
- 13- The second international Conference (Refugees the Middle East “Human Security”: International Community and Hosting Communities Role), ordered by The Refugees, Displaced Persons and forced Studies Center in Yarmouk University at 10:00 am on 3-May-2017 at Meridian Hotel, Amman, Jordan.

TRAINING COURSES:

- 1- International Computer Driving License (ICDL) from UNESCO,2003
- 2- English Conversation course(120 hours) by National Information technology Centre,2005
- 3- Design course using Flash 5 software (20 hours) organized by (NITC), 2004
- 4- International course for leadership trainer (25 hours) organized by (NITC),2005
- 5- Using the internet in the project from injaz,2005
- 6- A+ for hardware and software (60 hours) at Al Yarmuk University,2005
- 7- Participated in a training course for training trainers in the title "Electronic commerce "•2006
- 8- Course in electronic learning from King Khalid university, 2008
- 9- Course in a java programming language from Mutah university (60 hours), 2002
- 10- Certificate Networks Engineering (CNE) level 1. (4days),2011 from USM-NAV6
- 11- Certificate Networks Engineering(CNE)level 2. (4days),2011 from USM-NAV6

- 12- Cisco Certificated Network Associate (CCNA) from ETS (30 Days=70 Hours),2013
- 13- The Training Program For University Teaching And Learning(U.T.L).From Al-Imam Muhammad Ibn Saud Islamic University -Kingdom of Saudi Arabia (24 Hours),2015
- 14- Certificate of distinguished researcher from Al- Balqa Applied University, Aug-2017
- 15- Certificate of achievement, 2018 Arabella collegiate programming contest Jordan university of science and technology, Jordan 28 April 2018,
- 16- The blended learning TOT –trainer from CNAM,25-27-62018, Al- Balqa Applied University (certified from France embassy).

LANGUAGES:

Language	Reading	Speaking	Writing	Listening
Arabic:	Excellent	Excellent	Excellent	Excellent
English:	Excellent	Excellent	Excellent	Excellent

Note: I have passed (TOEFL) Test of English as a Foreign Language –**IBT Grading 98** out of 120 from ETS

INTERNATIONAL CERTIFICATES

- 1- (TOEFL) Test of English as a Foreign Language –IBT Grading 98 out of 120 from Education Testing Serviced “ETS”-United State –registration No:0000 0000 0680 4278.
- 2- **Certificate Networks Engineering (CNE)** level 1, No: CNE6000028811
- 3- **International Computer Driving License (ICDL)** from UNESCO. No: UN03097922
- 4- The blended learning TOT –trainer from CNAM, 25-27-62018, Al- Balqa Applied University (**Certified From France Embassy**).

RELEVANT ACADEMIC COURSEWORK

Research Methodology, Advanced Operating System, Advanced Database System, Advanced System Analysis, Software Engineering, Advanced Computer Networks, Advanced Knowledge-Based System, Information System Management, E-Business, Research Project in Information System, many of programming language (JAVA,C++,...et al).

AWARDS:

1- I won the MIMOS Prestigious Award in 2012 and 2013 respectively.

MIMOS Prestigious Award: Honors the excellent achievement of researchers from Malaysian public universities. The Award represents the highest recognition by MIMOS, the national R&D Centre in ICT, of the contributions of the academia to the nation's innovation. It opens opportunities for future collaborations among Government institutions, the academic sector and the industry towards national innovation competitiveness. The Award comprises a pewter trophy designed by MIMOS Industrial Designers.

2- We won IETE-GOWRI MEMORIAL AWARD with Golden Medallion -2014.

Our paper selected by the IETE **GOWRI MEMORIAL AWARD 2014 as the best paper published on the topic of general interest.** From The Institution of Electronics and telecommunication engineering, which included that research paper under the title “Steganography in Digital Images: Common Approaches and Tools.” (TAYLOR & FRANCIS LTD), indexed: ISI (Thomson Reuters) Master Journal list & impact factor (0.72), vol: 30, issue:4, PP: 344-358.

3- We won the award as best paper from IEEE publisher for our paper “A Rule-based Approach to Detect Botnets based on DNS,” 8th IEEE International Conference on Control System, Computing and Engineering (ICCSCE 2018), Penang, Malaysia, 23 - 25 November 2018, <http://www.acscrg.com/openconf2018/openconf.php>.

4- I won award and certificate from al-Balqa Applied University as one of the best researchers.

MY PH.D. STUDENTS:

1- Ph.D. candidate: Ahmed Alnawasreh, **Thesis Title:** “Fast Flux Botnet Detection Based On Adaptive Dynamic Evolving Spiking Neural Network” School of Computing, Science and Engineering, **University of Salford, Salford, UK, and Manchester**) started on 25 July 2014 technology. **Current status Graduated in 2018.**

2- Ph.D. candidate: Kamal alieyan, **Thesis Title:** “Rule-Based Approach For Detecting Botnet Based On Domain Name System” *Universiti Sains Malaysia (USM)* , National Advanced IPv6 Centre of Excellence (NAV6). His research programme: Advanced computer networks. Started in 2014, **Current status graduated in 2018.**

3- Ph.D. candidate: Mohammed ALarqan, *Universiti Sains Malaysia (USM)*, Department of computer science, his research programme: Distributed Denial of Service (DDoS) Attack Detection in Cloud Computing Environment started on 2017, **Current Status: still studying.**

Supervised on (undergraduate projects).

1- (Smart Home) based on internet of things (IOT) technology - summer-2019

Smart home project is a system that enables you to control the home remotely and intelligently by using an application on the phone (internal lighting of the house, temperature knowledge, temperature control, humidity knowledge, and other devices in the house).

2- (Classify Voice Gender, Accent And Age Based On Back Propagation Algorithms) -2020-SEM 1

This project is focusing on three themes which are: Gender, accent and age prediction information can be used to improve the performance of speech recognition systems, an automatic sex classification is a technique designed to determine the gender of the speaker through speech signal analysis.

3- (Movie Ticketing System) 2020-sem2

Online movie booking system is a web portal where you can book tickets in advance, know your movie show timing, watch movie trailer and read reviews for the same, You can know everything about movie and its show rates and show time just sitting on your couch

4- The Comfortable Farm (Easy Life) based on internet of things (IOT) Technology.2020-Sem2

This project aims to make life easier for busy people, old people and even children. The project will make the house more secure by including multiple systems such as the safety system and security system, etc

My index					
	website	<i>h</i> index	Citations	# of readers	Access Date
1	Google Scholar	17	975		30-7-2020
	Google Scholar links	https://scholar.google.com/citations?user=d_tRtPkAAAAJ&hl=en			
2	Scopus preview	12	437		30-7-2020
	Scopus preview link	https://www.scopus.com/authid/detail.uri?authorId=51664568700			
3	Research Gate Scholar	RG score-23.21	719	31,634	30-7-2020
	Research Gate Scholar link	https://www.researchgate.net/profile/Drammar_Almomani			

PUBLICATIONS

BOOKS AND BOOK CHAPTERS:

(1) Book			
Authors	Ammar Almomani		
Book Title	Dynamic Evolving Neural Fuzzy Framework for phishing E-mail detection		
ISBN	ISBN-13:978-3-639-66970-1,ISBN-10:3639669703		
Publishing house	Scholars' Press , Category: Internet ,	Number of pages: 180	Published on: 2014-12-2, Stock:Available
ACM online	http://dl.acm.org/citation.cfm?id=2787779		
Amazon online	http://www.amazon.com/exec/obidos/ASIN/3639669703/acmorg-20		

(2) Book Chapter				
Authors	Ammar almomani	Mohammad Alauthman	Nauman Aslam	O. Dorgham
Book Title	Computer and Cyber Security: Principles, Algorithm, Applications, and Perspectives			
Chapter Title	botnet behavior and detection techniques: a review			
ISBN	9780815371335 - CAT# K338202	Pages number	666	
Publisher	CRC Press Taylor & Frances Group	Date of publishing	November 26, 2018	
Book link	https://www.crcpress.com/Computer-and-Cyber-Security-Principles-Algorithm-Applications-and-Perspectives/Gupta/p/book/9780815371335			

(3) Book Chapter					
Authors	Ammar almomani	Mohammed Alweshah	Saleh Al Khalayleh	Mohammed Al-Refai	Riyadh Qashi
Book Title	Machine Learning for Computer and Cyber Security: Principles, Algorithms, and Practices				
Chapter Title	Metaheuristic algorithms based feature selection approach for intrusion detection				
ISBN	9781138587304 - CAT# K377286	Pages number	364		
Publisher	CRC Press Taylor & Frances Group	Date of publishing	Jan 10, 2019		
Book link	https://www.goodreads.com/book/show/42818427-machine-learning-for-computer-and-cyber-security				

(4) Book Chapter					
Authors	Mohammad Alauthman	Ammar Almomani	<i>Mohammed Alweshah</i>	Waleed Alomoush	Kamal Alieyan
Book Title	Machine Learning for Computer and Cyber Security: Principles, Algorithms, and Practices				
Chapter Title	Machine learning for phishing detection and mitigation				
ISBN	9781138587304 - CAT# K377286	Pages	364		
Publisher	CRC Press Taylor & Frances Group	Date of publishing	Jan 12, 2019		
Book link	https://www.crcpress.com/Machine-Learning-for-Computer-and-Cyber-Security-Principle-Algorithms/Gupta-Sheng/p/book/9781138587304				

(5) Book Chapter				
Authors	Mouhammd alkasassbeh	Safaa mohammed	Mohammad Alauthman	Ammar Almomani
Book Title	Computer Networks and Cyber Security: Principles and Paradigms,			
Chapter Title	Feature Selection using a Machine Learning to Classify a Malware			
ISBN	10 3030222764	Pages number		
Publisher	Springer Nature	Date of publishing	16 Oct 2019	
Book link	https://www.bookdepository.com/Handbook-Computer-Networks-Cyber-Security-Brij-B-Gupta/9783030222765			

(6) Book Chapter				
Authors	Kamal Alieyan ¹	Ammar Almomani	Rosni Abdullah ¹	Mohammed othman
Book Title	Security, Privacy, and Forensics Issues in Big Data			
Chapter Title	Botnet and Internet of Things (IoT): A Definition, Taxonomy, Challenges, and Future Directions			
DOI	10.4018/978-1-5225-9742-1.ch013	Pages number	13	
Publisher	IGI global	Date of publishing	2020	
Book link	https://www.igi-global.com/chapter/botnet-and-internet-of-things-iots/234816			
Publishing country	USA			
Book link	https://www.bookdepository.com/Handbook-Computer-Networks-Cyber-Security-Brij-B-Gupta/9783030222765			

(7) Book Chapter				
Authors	Ahmed Al-Qerem	Bushra Abutahoun	Shatha Shakhatreh	.. Ammar Almomani
Book Title	Handbook of Research on Multimedia Cyber Security			
Chapter Title	Network-Based Detection of Mirai Botnet Using Machine Learning and Feature Selection Methods			
DOI		Pages number	15	
Publisher	IGI global	Date of publishing	April, 2020	
Book link	https://www.igi-global.com/book/handbook-research-multimedia-cyber-security/237827			
Article link	https://www.igi-global.com/gateway/chapter/full-text-pdf/253039			
Publishing country	USA			

Year: 2011

(1)							
Authors	Altyeb Altaher	Sureswaran Ramadass	Ammar Almomani				
Article Title:	Computer Virus Detection Using Features ranking and Machine learning						
Journal	Australian Journal of Basic and Applied Sciences						
ISSN (Print)	1991-8178	ISSN (Online)	2309-8414				
Publisher	Founder President of American-Eurasian Network for Scientific	Volum e	5	Issue	9		
Indexed in	ISI (Thomson Reuters) Master list and Scopus						
publishing Date	2011	Pages(pp)	1482-1486	Statu s	published		
Publishing country	Pakistan						

Article link	http://docplayer.net/23996330-Computer-virus-detection-using-features-ranking-and-machine-learning.html					
(2)						
Authors	Ammar ALmomani	Tat-Chee Wan	Karim AL-Saedi	Et all		
Article Title:	An Online Model on Evolving Phishing E-mail Detection and Classification Method					
Journal	journal of applied science					
ISSN (Print)	1812-5654	ISSN (Online)		1812-5662		
Publisher	Asia Network for Scientific Information		Volume	1 1	Issue	18
Indexed in	ISI (Thomson Reuters) Master list and scopus(Q2)					
publishing Date	2011	pages	3301-3307	Status	Published	
Publishing country	Pakistan					
Article link	https://scialert.net/abstract/?doi=jas.2011.3301.3307					

Year: 2012

(3)						
Authors	Karim Al-saedi	Sureswaran Ramadass	Ammar Almomani	Et all		
Article Title:	Collection Mechanism and Reduction of IDS Alert					
Journal	International Journal of Computer Applications					
ISSN (Print)	0123-4560					
Publisher	Foundation of Computer Science		Volume	5 8	Issue	4
Indexed in	EBSCO, ProQuest				Citeseer	
publishing Date	November 2012	Pages(pp)	40-48	Status	Published	
Publishing country	New York, USA					
Article link	https://www.ijcaonline.org/archives/volume58/number4/9274-3530					

(4)						
Authors	Altyeb Altaher	Ammar Almomani	Sureswaran Ramadass			
Article Title:	Application of Adaptive Neuro-Fuzzy Inference System for Information Security					
Journal	Journal of computer science					
ISSN (Print)	1549-3636	ISSN (Online)				
Publisher	Science publication		Volume	8	Issue	6
Indexed in	Scopus (Q3)					
publishing Date	2012	Pages(pp)	983-986	Status	Published	
Publishing country	United States					
Article link	https://pdfs.semanticscholar.org/0313/5b9e2459e80e0e32d4b9a4e652838b98742d.pdf					

(5)						
Authors	Karim Al-Saedi	Hussein Al-Khafaji	Ammar ALmomani	Et all		
Article Title:	An Approach to Assessment of Network Worm Detection Using Threatening-Database Mining					
Journal	Australian Journal of Basic and Applied Sciences					
ISSN (Print)	1991-8178	ISSN (Online)		2309-8414		
Publisher	Founder President of American-Eurasian Network for Scientific Information		Volume	5	Issue	12
Indexed in	ISI (Thomson Reuters) Master list and scopus					
publishing Date	2012	Pages(pp)	2676-2683	Status	Published	
Publishing country	Australia					
Article link	https://www.researchgate.net/publication/237065208_An_Approach_to_Assessment_of_Network_Worm_Detection_Using_Threatening-Database_Mining					

(6)						
Authors	Altyeb Altaher	Sureswaran Ramadass	Ammar ALmomani			
Article Title:	An Intelligent approach for Malware Detection in Dual stack IPv4/IPV6 Networks Based on Evolving Classification					
Journal	International Journal of Physical Sciences					
ISSN (Print)	1992-1950	ISSN (Online)				
Publisher	Academic Journals		Volume	7	Issue	10
Indexed in	ISI (Thomson Reuters) Master Journal list & impact factor(0.45)					
publishing Date	2012	Pages(pp)	1607 - 1612	Status	Published	
Publishing country	USA					
Article link	https://pdfs.semanticscholar.org/cdd4/087c3bb9f73974975ab3acdf8baf70eeaba4.pdf					

(7)						
Authors	Altyeb Altaher	Sureswaran Ramadass	Andrew Meulenberg	Ammar ALmomani		
Article Title:	Combined Behavior- and Signature-Based Internet worm detection system					
Journal	International information institute					
ISSN (Print)	1343-4500	ISSN (Online)		1344-8994		
Publisher	International Information Institute		Volume	1 5	Issue	10
Indexed in	ISI (Thomson Reuters) Master Journal list & impact factor (0.06) and scopus(Q3)					
publishing Date	2012	Pages(pp)	4213-4222	Status	Published	
Publishing country	Tokyo, Japan					
Article link	https://www.researchgate.net/publication/281824533_Combined_Behavior-and_Signature-Based_Internet_Worm_Detection_System					

(8)							
Authors	AltyebAltaher	Supriyanto	Ammar ALmomani	Et all			
Article Title:	Malware Detection Based on Evolving Clustering Method for Classification						
Journal	Scientific Research and Essays						
ISSN (Print)	1992-2248						
Publisher	academic research journal			Volume	7	Issue	22
Indexed in	ISI (Thomson Reuters) Master Journal list & impact factor (0.45)						
publishing Date	14 June 2012	Pages(pp)	2031-2036	Status	Published		
Publishing country	USA						
Article link	https://www.researchgate.net/publication/281824207_Malware_detection_based_on_evolutionary_clustering_method_for_classification						

(9)							
Authors	Mohammed Anbar	Selvakumar Manickam	Ammar Almomani	Et all			
Article Title:	Behavior Based Worm Detection and Signature automation						
Journal	Journal of computer science						
ISSN (Print)	1549-3636		ISSN (Online)				
Publisher	science publication			Volume	7	Issue	1
Indexed in	Scopus (Q3)						
publishing Date	2012	Pages(pp)	1724-1728	Status	Published		
Publishing country	USA						
Article link	https://thescipub.com/pdf/10.3844/jcssp.2011.1724.1728						

(10)							
Authors	Ammar Almomani	Tat-Chee Wan	Ahmad Manasrah	Altyeb Altaher			
Article Title:	A Survey of learning based Techniques of phishing email filtering						
Journal	JDCTA International journal of digital content technology and its application						
ISSN (Print)	1975-9339		ISSN (Online)		2233-9310		
Publisher	Convergence Information Society(CIS)			Volume	6	Issue	18
Indexed in	Scopus (Q3)						
publishing Date	October 2012	Pages(pp)	119-129	Status	Published		
Publishing country	Korea						
Article link	http://www.academia.edu/download/34422275/10- A_survey_of_Learning_Based_Techniques.pdf						

(11)							
Authors	Ammar ALmomani						
Article Title:	Evolving Fuzzy Neural Network for Phishing Emails Detection						
Journal	Journal of computer science						
ISSN (Print)	1549-3636		ISSN (Online)		1552-6607		
Publisher	science publication			Volume	8	Issue	7
Indexed in	Scopus (Q3)						
publishing Date	2012	Pages(pp)	1099-1107	Status	Published		

Publishing country	USA
Article link	https://thescipub.com/abstract/10.3844/jcssp.2012.1099.1107

Year: 2013

(12)					
Authors	Karim Al-Saedi	Selvakumar Manickam	Sureswaran Ramadass	Ammar ALmomani	
Article Title:	research proposal: an intrusion detection system alert reduction and assessment framework based on data mining				
Journal	Journal of computer science				
ISSN (Print)	1549-3636	ISSN (Online)			
Publisher	science publication		Volume	9	Issue 4
Indexed in	Scopus (Q3)				
publishing Date	2013	Pages(pp)	421-426	Status	Published
Publishing country	USA				
Article link	https://thescipub.com/abstract/10.3844/jcssp.2013.421.426				

(13)					
Authors	Mahmoud Baklizi	Hussein Abdel-jaber	Mosleh M. Abu-Alhaj	Ammar Almomani	
Article Title:	Dynamic Stochastic Early Discovery: A New Congestion Control Technique to Improve Networks Performance				
Journal	International Journal of Innovative Computing, Information and Control (IJICIC)				
ISSN (Print)	1349-4198				
Publisher	Journal of Innovative Computing, Information and Control (IJICIC)		Volume	9	Issue 3
Indexed in	ISI (Thomson Reuters) Master Journal list & impact factor (1.667) and scopus				
publishing Date	March 2013	Pages(pp)	1113–1126	Status	Published
Publishing country	United Kingdom				
Article link	http://www.ijicic.org/ijicic-12-01039.pdf				

(14)					
Authors	Meghna Chhabra	Brij Gupta	Ammar Almomani		
Article Title:	A Novel Solution to Handle DDOS Attack in MANET				
Journal	Journal of Information Security				
ISSN (Print)	2153-1234	ISSN (Online)		2153-1242	
Publisher	scientific research		Volume	4	Issue 3
Indexed in	EBESCO, CiteSeerX				
publishing Date	July 2013	Pages(pp)	165-179	Status	Published
Publishing country	USA				
Article link	https://www.researchgate.net/profile/Drammar_Almomani/publication/272668229_A_Novel_Solution_to_Handle_DDOS_Attack_in_MANET/links/55f9ac1f08acc948c9455a69.pdf				

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Authors	Shweta Tripathi	Altyeb Altaher	Ammar Almomani	Anupama Mishra			
Article Title:	Hadoop based Defence Solution to Handle Distributed Denial of Service (DDoS) Attacks						
Journal	journal of Information Security (JIS)						
ISSN (Print)	2153-1234	ISSN (Online)		2153-1242			
Publisher	Scientific Research			Volume	4	Issue	3
Indexed in	EBESCO, CiteSeerX						
publishing Date	2013	Pages(pp)	150-164	Status	Published		
Publishing country	USA						
Article link	http://file.scirp.org/pdf/JIS_2013071615001745.pdf						

(16)							
Authors	SamerAtawneh	Ammar Almomani		Putra Sumari			
Article Title:	Steganography in Digital Images: Common Approaches and Tools						
Journal	IETE Technical Review						
ISSN (Print)	0256-4602	ISSN (Online)		2153-1242			
Publisher	TAYLOR & FRANCIS LTD			Volume	3 0	Issue	4
Indexed in	ISI (Thomson Reuters) Master Journal list & impact factor (1.330) and scopus(Q2)						
publishing Date	2013	Pages(pp)	344-358	Status	Published		
Publishing country	United Kingdom						
Article link	https://www.tandfonline.com/doi/abs/10.4103/0256-4602.116724						

(17)							
Authors	Mohammed Anbar	Selvakumar Manickam	Al-Samarraie Hosam, Et All	Ammar Almomani			
Article Title:	Investigating Study on Network Scanning Techniques						
Journal	JDCTA International journal of digital content technology and its application						
ISSN (Print)	1975-9339	ISSN (Online)		2233-9310			
Publisher	GlobalCIS			Volume	7	Issue	9
Indexed in	Scopus						
publishing Date	may-2013	Pages(pp)	312-320	Status	Published		
Publishing country	Korea						
Article link	https://www.researchgate.net/profile/Drammar_Almomani/publication/281823676_Investigating_Study_on_Network_Scanning_Techniques/links/55f9974708aeafc8ac265f59.pdf						

(18)							
Authors	Ammar Almomani	B. B. Gupta	Tat-Chee Wan	Altyeb Altaher			
Article Title:	Phishing Dynamic Evolving Neural Fuzzy Framework for Online Detection "Zero-day" Phishing Email						
Journal	JDCTA International journal of digital content technology and its application						
ISSN (Print)	1975-9339	ISSN (Online)		2233-9310			
Publisher	GlobalCIS			Volume	6	Issue	1
Indexed in	ISI (Thomson Reuters) Master list and scopus						

publishing Date	2013	Pages(pp)	3960-3964	Status	Published
Publishing country	India				
Article link	https://arxiv.org/abs/1302.0629				
(19)					
Authors	Ammar Almomani	Tat-chee wan	Ahmad manasrah	Et	
Article Title:	An enhanced online phishing e-mail detection framework based on “Evolving connectionist system.				
Journal	International Journal of Innovative Computing, Information and Control (IJICIC)				
ISSN (Print)	0974-6846				
Publisher	International Journal of Innovative Computing, Information and Control (IJICIC)	Volume	9	Issue	3
Indexed in	ISI (Thomson Reuters) Master Journal list & impact factor (1.667) and Scopus				
publishing Date	2013	Pages(pp)	1065-1086	Status	Published
Publishing country	United Kingdom				
Article link	http://www.ijicic.org/ijicic-12-01026.pdf				

(20)					
Authors	Ammar Almomani	B. B. Gupta	Samer Atawneh	Et all	
Article Title:	A Survey of Phishing Email Filtering Techniques				
Journal	IEEE Communications Surveys & Tutorials				
ISSN (Print)	1553-877X				
Publisher	IEEE transaction journal	Volume	15	Issue	4
Indexed in	ISI (Thomson Reuters) Master Journal list & High impact factor (20.3) and scopus(Q1)				
publishing Date	28 March 2013	Pages(pp)	2070-2090	Status	Published
Publishing country	USA				
Article link	https://ieeexplore.ieee.org/document/6489877/				

Year: 2014

(21)					
Authors	Redhwan M	A. Saad	Ammar Almomani	Et all	
Article Title:	ICMPv6 Flood Attack Detection using DENFIS algorithms				
Journal	Indian Journal of Science and Technology (INDJST)				
ISSN (Print)	0974-6846				
Publisher	Indian society of education and environment	Volume	7	Issue	2
Indexed in	ISI (Thomson Reuters) Master Journal list and scopus				
publishing Date	February 2014	Pages(pp)	168-173	Status	Published
Publishing country	india				
Article link	http://www.indjst.org/index.php/indjst/article/viewFile/47680/38697				

(22)							
Authors	Ammar Almomani	Eman Almomani	Mahmud Alkoffash	Ahmad AL-Alawneh,			
Article Title:	A Framework of Childhood Obesity Intervention Using Persuasive Mobile Game Technology						
Journal	Australian Journal of Basic and Applied Sciences						
ISSN (Print)							
Publisher	Founder President of American-Eurasian Network for Scientific Information			Volume	8	Issue	7
Indexed in	ISI (Thomson Reuters) Master Journal list						
publishing Date	May 2014	Pages(pp)	499-509	Status	Published		
Publishing country	Australia						
Article link	http://connection.ebscohost.com/c/articles/96583901/framework-childhood-obesity-intervention-using-persuasive-mobile-game-technology						

(23)							
Authors	Muhammad M. Kwafha	Mohammed Azmi Al-Betar	Ammar Almomani	Et all			
Article Title:	A novel model for Global Schema integration and optimization						
Journal	MAGNT Research Report						
ISSN (Print)	1444-8939						
Publisher	International Society of Universal Research in Sciences & Technology			Volume	2	Issue	4
Indexed in	ISI (Thomson Reuters) Master Journal list						
publishing Date	sep-2014	Pages(pp)	470-475	Status	Published		
Publishing country	india						
Article link	https://www.researchgate.net/profile/Drammar_Almomani/publication/281715431_A_novel_model_for_Global_Schema_integration_and_optimization/links/55f9a6f908aeba1d9f1f6c55/A-novel-model-for-Global-Schema-integration-and-optimization.pdf						

Year: 2015

(24)							
Authors	Ammar Almomani	Atef Obeidat	Karim Alsaedi	St all			
Article Title:	Spam Email Filtering using ECOS algorithms						
Journal	Indian Journal of Science and Technology (INDJST)						
ISSN (Print)	0974-5645						
Publisher	Indian society of education and environment			Volume	8	Issue	S9
Indexed in	ISI (Thomson Reuters) Master list						
publishing Date	May 2015	Pages(pp)	256–268	Status	Published		
Publishing country	India						
Article link	http://www.indjst.org/index.php/indjst/article/view/55320						

Year: 2017

(25)					
Authors	Samer Atawneh	Ammar Almomani	Hussein Al Bazar	Putra Sumari	
Article Title:	secure and imperceptible digital image steganographic algorithm based on diamond encoding in dwt domain				
Journal	Multimedia Tools and Applications				
ISSN (Print)	1380-7501 1573-7721 (electronic version)				
Publisher	springer	Volume	7 6	Issue	18
Indexed in	ISI (Thomson Reuters) Master Journal list & impact factor (1.530) and Scopus(Q1)				
publishing Date	2017	Pages(pp)	18451–18472	Status	Published
Publishing country	Netherlands				
Article link	https://link.springer.com/article/10.1007/s11042-016-3930-0				

(26)					
Authors	Kamal Alieyan	Ammar ALmomani	Ahmad Manasrah	Mohammed M. Kadhum	
Article Title:	A Survey of Botnet Detections based on DNS				
Journal	Neural Computing and Applications				
ISSN (Print)	0941-0643 1433-3058 (Online)				
Publisher	Springer	Volume	2 8	Issue	7
Indexed in	ISI& IF (Thomson Reuters) Master Journal list & impact factor (2.505) and Scopus(Q2)				
publishing Date	July 2017	Pages(pp)	1541–1558	Status	Published
Publishing country	Germany				
Article link	https://link.springer.com/article/10.1007/s00521-015-2128-0				

(27)					
Authors	Ahmad Manasrah	Tariq Smadi	Ammar Almomani		
Article Title:	A Variable Service Broker Routing Policy for data center selection in cloud analyst				
Journal	Journal of King Saud University - Computer and Information Sciences				
ISSN (Print)	22131248 online 13191578				
Publisher	Elsiver	Volume	29	Issue	3
Indexed in	Scopus				
publishing Date	July 2017	Pages(pp)	365-377	Status	Published
Publishing country	Saudi arabia				
Article link	https://www.sciencedirect.com/science/article/pii/S1319157816300192				

Year: 2018

(28)					
Authors	Ammar ALmomani				
Article Title:	Fast-Flux Hunter: A system for Filtering Online Fast-Flux Botnet				
Journal	Neural Computing and Applications				
ISSN (Print)	1433-3058 1433-3058 (Online)				
Publisher	Springer	Volume	2 9	Issue	7
Indexed in	Clarivate Analytics- Master Journal List ISI & IF impact factor (4.213) and Scopus(Q2)				
publishing Date	April 2018	Pages(pp)	483–493	Status	Published
Publishing country	Germany				
Article link	https://link.springer.com/article/10.1007/s00521-016-2531-1				

(29)					
Authors	Ammar ALmomani				
Article Title:	An online intrusion detection system to cloud computing Based on NeuCube algorithms				
Journal	International Journal of Cloud Applications and Computing (IJCAC)				
ISSN (Print)	2156-1834 EISSN: 2156-1826				
Publisher	IGI	Volume	8	Issue	2
Indexed in	Clarivate Analytics- Master Journal List ISI				
publishing Date	April 2018	Pages(pp)	96–112	Status	Published
Publishing country	USA				
Article link	https://www.igi-global.com/article/an-online-intrusion-detection-system-to-cloud-computing-based-on-neucube-algorithms/202391				

(30)					
Authors	O. Dorgham	Banan Al-Rahamneh	Ammar Almomani	Et all	
Article Title:	Enhancing the Security of Exchanging and Storing DICOM Medical Images on the Cloud				
Journal	International Journal of Cloud Applications and Computing (IJCAC)				
ISSN (Print)	2156-1834 EISSN: 2156-1826				
Publisher	IGI	Volume	8	Issue	1
Indexed in	Clarivate Analytics- Master Journal List ISI				
publishing Date	Jan 2018	Pages(pp)	154-172	Status	Published
Publishing country	USA				
Article link	https://www.igi-global.com/article/enhancing-the-security-of-exchanging-and-storing-dicom-medical-images-on-the-cloud/196196				

(31)					
Authors	Mohammed Azmi ,Al-Betar	Ahamad ,Tajudin Khader	Mohammed A. Awadallah	Ammar Almomani	
Article Title:	Economic load dispatch problems with valve-point loading using natural updated harmony search				
Journal	Neural Computing and Applications				
ISSN (Print)	ISSN: 0941-0643 1433-3058 (Online)				
Publisher	Neural Computing and Applications	Volume	2	Issue	10
			9		
Indexed in	Clarivate Analytics- Master Journal List ISI& IF impact factor (4.213) and Scopus(Q2)				
publishing Date	2018	Pages(pp)	767-781	Status	Published
Publishing country	Germany				
Article link	https://link.springer.com/article/10.1007/s00521-016-2611-2				

(32)					
Authors	Firas Albalas	Majd Al-Soud	Omar Almomani	Ammar Almomani	
Article Title:	Security-aware CoAP Application Layer Protocol for the Internet of Things using Elliptic-curve cryptography				
Journal	The International Arab Journal of Information Technology (IAJIT)				
ISSN (Print)	1683-3198.				
Publisher	Zarga University	Volume	15	Issue	3A
Indexed in	Clarivate Analytics- Master Journal List ISI& IF impact factor (0.72) and Scopus(Q2)				
publishing Date	April 2018	Pages(pp)	550-558	Status	Published
Publishing country	jordan				
Article link	http://iajit.org/PDF/Special%20Issue%202018,%20No.%203A/17419.pdf				

(33)					
Authors	Waleed Alomoush	Khairuddin Omar	Ayat Alrosan	Et All, Ammar Almomani	
Article Title:	<i>a survey: challenges of image segmentation based fuzzy c-means clustering algorithm</i>				
Journal	<i>journal of theoretical and applied information technology</i>				
ISSN (Print)	1992-8645 (E-ISSN) 1817-3195				
Publisher	<i>journal of theoretical and applied information technology</i>	Volum	9	Issue	16
		e	6		
Indexed in	Scopus (Q3)				
publishing Date	<i>31- August 2018</i>	Pages(pp)	5153- 5170	Status	Published
Publishing country	USA				
Article link	http://www.jatit.org/volumes/Vol96No16/3Vol96No16.pdf				

(34)					
Authors	Waleed Alomoush	Khairuddin Omar	Ayat Alrosan	Et All, Ammar Almomani	
Article Title:	Firefly Photinus Search Algorithm				
Journal	Journal of King Saud University - Computer and Information Sciences				
ISSN (Print)	22131248 online 13191578				
Publisher	Elsiver	Volume	https://doi.org/10.1016/j.jksuci.2018.06.010	Issue	
Indexed in	Scopus(Q2)				
publishing Date	july- 2018	Pages(pp)	1-9	Status	Published
Publishing country	USA				
Article link	https://www.sciencedirect.com/science/article/pii/S1319157818300673				

Year 2019

(35)					
Authors	Ammar almomani	Mohammad Alauthman	Mohammed Alweshah	Et all	
Article Title:	A comparative study on spiking neural network encoding schema Implemented with cloud computing				
Journal	Cluster Computing The Journal of Networks, Software Tools and Applications				
ISSN (Print)	1386-7857				
Publisher	Springer	Volume	22	Issue	2
Indexed in	Clarivate Analytics- Master Journal List ISI& IF impact factor (1.6) and Scopus				
publishing Date	Jan 2019	Pages(pp)	1-15	Status	Published
Publishing country	Netherlands				
Article link	https://link.springer.com/article/10.1007/s10586-018-02891-0				

(36)					
Authors	Mohammed Al-Refai	Yousef Al-Raba'nah	Mohammed Alauthman	Ammar ALmomani	
Article Title:	A Novel Leader Election Algorithm for Honeycomb Mesh Networks				
Journal	Journal of Theoretical & Applied Information Technology				
ISSN (Print)	1992-8645 E-ISSN 1817-3195 /				
Publisher	Journal of Theoretical and Applied Information Technology	Volume	97	Issue	14
Indexed in	Scopus (Q3)				
publishing Date	31/7/2019	Pages(pp)		Status	published
Publishing country	PAKISTAN				
Article link	http://www.jatit.org/volumes/ninetyseven14.php				

(37)					
Authors	Thamer A. Alrawashed, Ammar Almomani , Ahmad Althunibat, Abdelfatah Tamimi				
Article Title:	An Automated Approach to Generate Test Cases from Use Case Description Model				
Journal	Computer Modeling in Engineering & Sciences [CMES]				
ISSN (Print)	1526-1492 (Print) 1526-1506 (Online)				
Publisher	Tech Science Press	Volume	119	Issue	3
Indexed in	Clarivate Analytics- Master Journal List ISI& IF impact factor (0.796) and Scopus				
publishing Date	jun-2019	Pages(pp)	409-425	Status	Published
Publishing country	USA				
Article link	http://tsp.techscience.com/uploads/attached/file/20190529/20190529014512_79776.pdf				

(38)					
Authors	Kamal Alieyan, Ammar Almomani , Mohammed Anbar, Mohammad Alauthman, Rosni Abdullah, B.B Gupta				
Article Title:	DNS rule-based schema to botnet detection				
Journal	Enterprise Information Systems				
ISSN (Print)	Print ISSN: 1751-7575 Online ISSN: 1751-7583				
Publisher	Taylor & Franceis Online	Volume		Issue	
Indexed in	Clarivate Analytics- Master Journal List ISI& IF impact factor (2.2)				
publishing Date	25 Jul 2019	Pages(pp)	1-21	Status	published
Publishing country	ENGLAND				
Article link	https://www.tandfonline.com/doi/abs/10.1080/17517575.2019.1644673?journalCode=teis20				

(39)					
Authors	Ahmad al-Qerem, Mohammad Alauthman, Ammar almomani , B.B Gupta				
Article Title:	IOT Transaction Processing Through Cooperative Concurrency Control on Fog –Cloud Computing Environment				
Journal	Soft Computing A Fusion of Foundations, Methodologies, and Applications The submission id is: SOCO-D-19-00694				
ISSN (Print)	1432-7643 (Print) 1433-7479 (Online) https://doi.org/10.1007/s00500-019-04220-y(0123456789().,-volV)				
Publisher	Springer Nature	Volume		Issue	
Indexed in	Clarivate Analytics- Master Journal List ISI& IF impact factor (2.367) and Scopus				
publishing Date	22 July 2019	Pages(pp)	1-17	Status	Published
Publishing country	Germany				
Article link	https://link.springer.com/article/10.1007/s00500-019-04220-y				

(40)					
Authors	Mohammed alweshah, Mohammed Azmi Al-Betar, ammar Almomani , saleh				
Article Title:	β - Hill-Climbing Algorithm with probabilistic neural network For Classification Problems				
Journal	Journal of Ambient Intelligence and Humanized Computing				
ISSN (Print)	ISSN: 1868-5137 (print version) ISSN: 1868-5145 (electronic version)				
Publisher	springer	Volume	11	Issue	8
Indexed in	Clarivate Analytics- Master Journal List ISI& IF impact factor (1.9) and Scopus				
publishing Date	20-10-2019	Pages(pp)	1-14	Status	Published
Publishing country	Germany				
Article link	https://www.springer.com/engineering/computational+intelligence+and+complexity/journal/12652				

(41)					
Authors	Thamer A. Alrawashdeh, Ammar almomani , Mohammad W. Elbes, Mohamad I. Mohiarat				
Article Title:	User Acceptance Model of Open Source Software: An Integrated Model of OSS Characteristics and UTAUT				
Journal	Journal of Ambient Intelligence & Humanized Computing (AIHC)				
ISSN (Print)	1868-5137 (print version) 1868-5145 (electronic version)				
Publisher	springer	Volume		Issue	
Indexed in	Clarivate Analytics- Master Journal List ISI& IF impact factor (1.9) and Scopus				
publishing Date	4-oct-2019	Pages(pp)	1-13	Status	published
Publishing country	USA				
Article link	https://link.springer.com/article/10.1007/s12652-019-01524-7				

Year 2020

(42)					
Authors	Mohammed alweshah, Maria Al-Sendah, Osama Dorgham, Ammar Al-Momani , sara Tedmori				
Article Title:	Improved Water Cycle Algorithm with Probabilistic Neural Network to solve Classification problems				
Journal	Cluster Computing" The Journal of Networks, Software Tools and Applications				
ISSN (Print)	1386-7857 (print version) ISSN: 1573-7543 (electronic version)				
Publisher	Springer	Volume		Issue	
Indexed in	ISI& IF (Thomson Reuters) Master Journal list & impact factor (1.851) and Scopus(Q2)				
publishing Date		Pages(pp)	1-16	Status	PUBLISHED IN 01 January 2020
Publishing country	USA				
Article link	https://link.springer.com/article/10.1007/s10586-019-03038-5				

(43)					
Authors	<i>Ahmad Alnwasrah</i> <i>Ammar almomani</i> <i>Samer Atawneh</i> Mohammad Alauthman Farid Meziane				
Article Title:	A Survey of Fast Flux Botnet Detection with FastFlux cloud computing				
Journal	International Journal of Cloud Applications and Computing (IJCAC)				
ISSN (Print)	2156-1834		EISSN: 2156-1826		
Publisher	IGI		Volume		Issue
Indexed in	Clarivate Analytics- Master Journal List ISI				
publishing Date	17-1-2020	Pages(pp)	37-1	Status published	(Volume 10, Issue 3, Article 2).
Publishing country	USA				
Article link	https://www.igi-global.com/gateway/article/256863				

(44)					
Authors	Mohammed Alweshah; Saleh Al Khalaileh; B. B.Gupta, Ammar Almomani ; Abdelaziz Hammouri; Mohammed Azmi Al-Betar				
Article Title:	The monarch butterfly optimization algorithm for solving feature selection problems				
Journal	Neural Computing and Applications				
ISSN (Print)	ISSN: 0941-0643		1433-3058 (Online)		
Publisher	Springer-Verlag London		Volum e		Issue
Indexed in	Clarivate Analytics- Master Journal List ISI & IF impact factor (4.213) and Scopus(Q1)				
publishing Date		Pages(pp)	1-15	Status	Published (13 July 2020)
Publishing country	London				
Article link	https://doi.org/10.1007/s00521-020-05210-0(0123456789(),-volV)(0123456789().				

(45)					
Authors	Mohammed Alweshah ¹ , Lobna Rababa, Mohammed Hashem Ryalat ¹ , Ammar Al Momani , Mohamed F. Ababneh				
Article Title:	African Buffalo Algorithm: Training the Probabilistic Neural Network to Solve Classification Problems				
Journal	Journal of King Saud University - Computer and Information Sciences				
ISSN (Print)	22131248		online 13191578		
Publisher	Elsiver		Volum e		Issue
Indexed in	Scopus (Q1)				
publishing Date		Pages(pp)	1-11	Status	Published in 17-7-2020
Publishing country	Saudi arabia				
Article link	https://doi.org/10.1016/j.jksuci.2020.07.004				

(46)					
Authors	Ammar Almomani , <i>Ahmad Al-Nawasrah</i> , <i>Mohammad Alauthman</i> , Mohammed Azmi Al-Betar ,Farid Meziane				

Article Title:	Botnet Detection Used Fast-Flux Technique, Based on Adaptive Dynamic Evolving Spiking Neural Network Algorithm				
Journal	International Journal of Ad Hoc and Ubiquitous Computing				
ISSN (Print)	ISSN online 1743-8233 ISSN print 1743-8225				
Publisher	Inderscience	Volume		Issue	
Indexed in	Clarivate Analytics- Master Journal List ISI& IF impact factor (0.7 and Scopus(Q3))				
publishing Date		Pages(pp)		Status	Accepted
Publishing country	USA,				
Article link	https://www.inderscience.com/info/ingeneral/forthcoming.php?jcode=ijahuc				

Conference Publications:

(1)					
Authors	Altyeb Altaher, Sureswaran Ramadass, Ammar Almomani				
Article Title:	A dual Stack IPv4/IPv6 Testbed for Malware detection in IPv6 Networks				
Conference Title	IEEE International Conference on Control System, Computing and Engineering (ICCSCE2011)				
Conference date and location	25-27 Nov-2011 Penang, Malaysia.				
Proceeding number	978-4577-1642-3/11/\$26.00 @2011 IEEE				
publisher	IEEE				
ISBN	Print ISBN: 978-1-4577-1640-9 , Electronic ISBN: 978-1-4577-1642-3,				
DOI	10.1109/ICCSCE.2011.6190516				
Indexed in	Scopus				
publishing Date	2011	Pages(pp)	168-170	Status	published
Article link	https://ieeexplore.ieee.org/document/6190516				

(2)					
Authors	Altyeb Altaher, Sureswaran Ramadass, Ammar Almomani				
Article Title:	Real Time Network Anomaly Detection Using Relative Entropy				
Conference Title	Honet conference-8 TH international conference"-high capacity optical network and emerging technologies				
Conference date and location	December 19-21, 2011, Riyadh, Kingdom of Saudi Arabia				
publisher	Scopus				
ISSN	Print ISSN: 1949-4092 Electronic ISSN: 1949-4106				
DOI	10.1109/HONET.2011.6149829				
Indexed in	IEEE				
publishing Date	2011	Pages(pp)	258-260	Status	published
Article link	https://ieeexplore.ieee.org/document/6149829				

(3)					
Authors	Eman ALmomani, Wahidah Husain, Oh Ying San, Ammar Almomani , mohammedal-betar				
Article Title:	Mobile game approach to prevent childhood obesity using persuasive technology				
Conference Title	ICCOINS 2014 : 2014 International Conference on Computer and Information Sciences (ICCOINS)				
Conference date and location	Kuala Lumpur. Malaysia, Jun 3, 2014 - Jun 5, 2014				
publisher	IEEE				
ISBN	Print ISBN: 978-1-4799-4391-3 , Electronic ISBN: 978-1-4799-4390-6				
DOI	10.1109/ICCOINS.2014.6868418				
Indexed in	IEEE, SCOPUS				
publishing Date	2014	Pages(pp)	1 – 5	Status	published
Article link	https://ieeexplore.ieee.org/document/6868418				
(4)					
Authors	Firas Albalas, Majd Al-Soud, Omar almomani, Ammar almomnai				
Article Title:	Secure and Energy-effective CoAP Application layer protocol for the internet of Things				
Conference Title	The International Arab Conference on Information Technology (ACIT)				
Conference date and location	December 22-24, 2017, Yasmine Hammamet, Tunisia.				
publisher	ACIT				
ISSN	ACIT2017				
Indexed in	ACIT				
publishing Date	2017	Pages(pp)	1-8	Status	published
Article link	http://acit2k.org/ACIT/images/stories/year2014/month1/189.pdf				

(5)					
Authors	Ammar Almomani , Mohammad Alauthman, Omar almomani , Firas Albalas				
Article Title:	A proposed framework for Botnet Spam-email Filtering using Neucube				
Conference Title	The International Arab Conference on Information Technology (ACIT)				
Conference date and location	December 22-24, 2017, Yasmine Hammamet, Tunisia.				
publisher	ACIT				
ISSN	ACIT2017				
Indexed in	ACIT				
publishing Date	2017	Pages(pp)	1-5	Status	published
Article link	http://acit2k.org/ACIT/images/stories/year2014/month1/ACIT2017_Proceeding/168.pdf				

(6)					
Authors	Ahmad Al-Nawasrah, Ammar Al-Momani , Farid Meziane, Mohammad Mansour Alauthman				
Article Title:	Fast flux botnet detection framework using Adaptive dynamic evolving spiking neural network algorithm				
Conference Title	2018, 9th International Conference on Information and Communication Systems (ICICS)				
Conference date and location	03 Apr - 05 Apr 2018, Jordan University of Science and Technology, P.O. Box 3030, Irbid, Jordan				
publisher	IEEE				
ISSN	Print on Demand(PoD) ISBN: 978-1-5386-4367-9 , Electronic ISBN: 978-1-5386-4366-2				
DOI	10.1109/IACS.2018.8355433				
Indexed in	IEEE, SCOPUS				
publishing Date	2018	Pages(pp)	1-6	Status	published
Article link	https://ieeexplore.ieee.org/document/8355433				

(7)					
Authors	Kamal Alieyan , Ammar Almomani , Rosni Abdullah , Mohammed Anbar				
Article Title:	A Rule-based Approach to Detect Botnets based on DNS				
Conference Title	8th IEEE International Conference on Control System, Computing and Engineering (ICCSCE 2018),				
Conference date and location	23 - 25 November 2018, Penang, Malaysia,				
publisher	IEEE				
Indexed in	IEEE, SCOPUS				
publishing Date	2018	Pages(pp)		Status	Accepted-in press
Article link	https://www.aconf.org/conf_156800.html				

(8)					
Authors	Kamal Alieyan ‘Mohammed Anbar ‘ Ammar Almomani ‘Rosni Abdullah ‘Mohammad Alauthman				
Article Title:	Botnets Detecting attack based on DNS features				
Conference Title	The 19th International Arab Conference on Information Technology (ACIT'2018),				
Conference date and location	November 2018, 28-30 , Islamic University of Lebanon (IUL), Lebanon				
publisher	IEEE xplore				
Indexed in	Scopus				
publishing Date	2018	Pages(pp)	1-4	Status	Published in 25 March 2019
Article link	https://ieeexplore.ieee.org/document/8672582				

(9)					
Authors	Osama Dorgham, Mohammad Abu Nasser, Mohammad Ryalat and Ammar Almomani				
Article Title:	Proposed Method for an Automatic Segmentation of Medical Images				
Conference Title	The 19th International Arab Conference on Information Technology (ACIT'2018),				
Conference date and location	November 2018, 28-30 , Islamic University of Lebanon (IUL), Lebanon				
publisher	IEEE Xplore				
Indexed in	Scopus				
publishing Date	2018	Pages(pp)	1-5	Status	Published in 25 March 2019
Article link	https://ieeexplore.ieee.org/document/8672688				

(10)					
Authors	Mohammad A. Al-Arqaan, Zarul Fitri Zaaba, Ammar Almomani				
Article Title:	Detection Mechanisms of DDoS Attack in Cloud Computing Environment: A Survey.				
Conference Title	<u>ACeS: International Conference on Advances in Cyber Security</u>				
Conference date and location	First International Conference, ACeS 2019, Penang, Malaysia, July 30 – August 1, 2019, Revised Selected Papers				
publisher	Springer Singapore				
Indexed in	Scopus				
ISBNs	978-9-81-152692-3, 978-9-81-152693-0				
publishing Date	17 January 2020	Pages(pp)	138–152	Status	published
Article link	https://link.springer.com/chapter/10.1007%2F978-981-15-2693-0_10#citeas				

CO-CHAIR conference and International Organizing Committee:

1. **Co-chair** in SS-CBS: Recent Advancements in Cyber Security, 2014 IEEE 3rd Global Conference on Consumer Electronics (GCCE 2014), Tokyo, Japan. Oct (7-10)-2014.<http://www.ieee-gcce.org/2014/special.html#>.
2. International Workshop on Big Data and Networks Technologies, 2017, 24-26 Jul 2017 Leuven (Belgium), <https://bdnt2017.sciencesconf.org/resource/page/id/1>
3. ISCSA2017: International Symposium on Computer Sciences and Applications, FST Errachidia, Errachidia, Morocco, October 26-28, 2017
<https://easychair.org/cfp/ISCSA2017>
4. 2018 Fifth International Conference on Parallel, Distributed and Grid Computing (PDGC) will be organized at Jaypee University of Information Technology, Wagnaghat, Solan, Himachal Pradesh, India. PDGC-2018, <http://www.juit.ac.in/pdgc-2018/index1.php>
5. ISCW 2018 (<https://sites.google.com/site/iscw2018/>) in November this year in Dubai.

Review research papers in journals and conferences

- 1- “IEEE Transactions on Knowledge and Data Engineering,” publisher: IEEE Transactions, indexed: ISI (Thomson Reuters) Master Journal list & impact factor (2.476)
- 2- “Neural Computing and Applications,” Springer link, indexed: ISI (Thomson Reuters) Master Journal list & impact factor (1.56)
- 3- “[Security and Communication Networks](#),” publisher: [Wiley Online Library](#), Impact Factor: 0.72, ISI Journal Citation
- 4- Recent Advancements in Cyber Security, 2014 IEEE 3rd Global Conference on Consumer Electronics (GCCE 2014), Tokyo, Japan. Oct (7-10)-2014. <http://www.ieee-gcce.org/2014/special.html#>.
- 5- **International Journal of High Performance Systems Architecture**, ISSN online 1751-6536 ISSN print 1751-6528, <https://www.inderscience.com/jhome.php?jcode=ijhpsa>

Academic Activities:

1. Main member for building a department of computer and network security
2. Main member in selective academic’s books in the department of information technology
3. Guide for many Ph.D. students in India and Malaysia countries
4. Working with a research group to build antivirus product

Book of Thanks:

1. For excellent work in teaching electronic commerce. From National Information technology Centre (NITC)- JORDAN (2006)
2. For creating and design magazine (sound of the student) from King Khalid University –Saudi Arabia (2009)
3. For excellent achievements from king Khalid university- department of Computer Science (2009)
4. For participation in the scientific day from, Balqa Applied University Dept. Al-Huson University College, Department of Information Technology.
5. For the establishment of specialty engineering diploma smart devices in Husson college (2014)
6. For Support Committee student activities - and the organization of the closing ceremony from Al-Imam Muhammad Ibn Saud Islamic University -Kingdom of Saudi Arabia (2016)
7. Erasmus grant KA2 project under the title” A Technology-Enhanced Ph.D. program in Psychosocial Counseling- A refugee Oriented Approach (TEPPC) – From Yarmouk university ” 2017.
8. To contribute to the success of the electoral process of AlBalqa Applied University. Al-Huson University College – (2019)

Establishment of new scientific disciplines:

1. Establishment of specialty engineering diploma smart devices in Dept. of Information Technology, Al-Huson University College, Al- Balqa Applied University (2014).
2. Establishment of specialty (Information and Network Security) (Diploma degree) in Dept. of Information Technology, Al-Huson University College, Al- Balqa Applied University (2014).

Financial Assistances & Grants

1. **Full grant** in bachelor degree from The Jordanian government.
2. **Half grant** in Master degree from The Arab Academy for Banking and Financial Sciences (AABFS).
3. **Graduate Assistant Scheme (G.A)**: was introduced to enable postgraduates to enhance their skills by assisting in various events and activities in their respective Schools/CoEs. I Have G.A during my Ph.D. studying.
4. **The USM Global Fellowship**: Aspires to enhance nation building, synergies global talents, and to boost a greater knowledge society through global talents. I have The USM Global Fellowship in the last semester of my Ph.D. studying.
5. **My Ph.D. research is supported** by the National Advanced IPv6 Centre of Excellence (NAV6), Universiti Sains Malaysia (USM). **Grant title**: “A comprehensive botnet mitigation Ecosystem”. Acc.No:1001/PNAV/857001. Grant value: 170000 \$ USD.
6. Grant from Scientific Research Support Fund (INITIAL ACCEPT) to build our proposed system in 2017/2018 under the title” [Botnet Spam](#) e-mail Filtering System Based on [Evolving Spatio-temporal data machines](#) .
7. **A grant from Al- Balqa Applied University (2019)**- grant title: Fast Flux botnet catcher Approach (FFBCA)- Support Fund **5000 JD** – status – **accepted**.
8. **A grant from Al- Balqa Applied University (2020)**- grant title: A Multi-objective Antlion Optimization Algorithm for Power Scheduling Problem in a Smart Home Using Smart Battery,

Qualification Skills:

1. Ability to learn and communicate quickly.
2. Ability to deal with most software
3. High experience in the operating system (windows 7,10 and windows server 2012,kali Linux).

Interests:

1. Working with Team hardly
2. Voluntary working groups
3. Creating and self-develop , 4. Playing chess