

## Haider Abbas

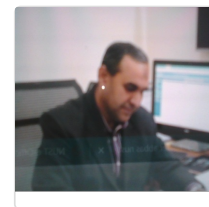
Professor

Military College of Signals

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## About

Dr. Haider Abbas is working as Professor in the Military College of Signals. Dr. Haider Abbas has a PhD in Cyber Security. Dr. Haider Abbas has published 156 research articles & conference papers having a citation count of 4881, carried out 8 projects and filed 9 intellectual property.

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## Qualifications

<b>PhD in Cyber Security</b> Royal Institute of Technology , Sweden	2006 - 2010
<b>MPhil in Engineering And Management Of Information Systems</b> Royal Institute of Technology , Sweden	2005 - 2006

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## Experience

<b>Professor</b> Military College of Signals	2023- Present
<b>Professor</b> Military College of Signals	2021 - 2019
<b>Associate Professor</b> Military College of Signals	2021 - 2021
<b>Associate Professor</b> Military College of Signals	2019 - 2021
<b>Associate Professor</b> Military College of Signals	2017 - 2021
<b>Assistant Professor</b> Military College of Signals	2017 - 2017
<b>Assistant Professor</b> Military College of Signals	2010 - 2017
<b>Assistant Professor/Head R&amp;D</b> King Saud University , KSA	2013 - 2017
<b>Research Fellow</b> King Saud University , Riyadh KSA	2012 - 2013
<b>Research Assistant</b> KTH, Sweden , Stockholm,Sweden	2005 - 2010
<b>Computer Programmer /Lecturer</b> B.Z.University , Multan, Pakistan	2003 - 2005

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## Awards

<b>School/College Best Researcher Awards-2021</b>	2022
<b>Track Chair IEEE:</b> Track Chair, The 29th IEEE International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises 09-11 June 2021, Basque Coast - Bayonne, France	2021
<b>Adjunct Faculty-</b> Adjunct Faculty, Gachon University South Korea	2021

<b>Editor PeerJ</b>	2021
Associate Editor , PeerJ Computer Science (ISI-Indexed, IF 3.1)	
<b>Editor NUST J :</b>	2020
Associate Editor , NUST Journal of Engineering Sciences	
<b>Co-Chair IEEE:</b>	2020
Special issue Chair, The 18th IEEE International Conference on Dependable, Autonomic and Secure Computing (DASC 2020), June 22-25 in Calgary, Alta	
<b>ACM DS:</b>	2020
Appointed as 1st ACM Distinguished Speaker from Pakistan by ACM - Association for Computing Machinery, United States	
<b>Member BOG NITB</b>	2019
Member of the Board of Governors for National Information Technology Board (NITB), Headed by the President of Pakistan;	
<b>Adjunct Faculty-</b>	2019
Foreign Expert / Doctoral Studies Advisor , Al-Farabi Kazakh National University	
<b>Keynote Speaker:</b>	2019
Keynote Speaker International Conference on Information & Communication Technologies 'Next Generation Technologies' 16 - 17 November 2019 IBA, Karachi, Pakistan	
<b>Workshop Chair :</b>	2019
Workshop Chair International Workshop on Cyber Security and Digital Investigation (CSDI 2019) To be held in conjunction with 16th MobiSPC 2019 ), August 19-21, 2019 Halifax Nova Scotia, Canada	
<b>NUST Best Researcher Award</b>	2019
Overall NUST University Best Researcher for 2017-2018 among all NUST constituent Colleges and Schools across Pakistan	
<b>Editor IEEE :</b>	2019
Associate Editor, The IEEE International Conference on Biomedical and Health Informatics, IEEE BHI 2019, 19 - 22 May 2019 University of Illinois at Chicago, IL, USA	
<b>Adjunct Faculty-</b>	2019
Graduate/ Doctoral Studies Advisor , Manchester Metropolitan University	
<b>Keynote Speaker:</b>	2018
Keynote Speaker at International Conference on Computer Science and Allied Technologies, Lahore Garrison University, December 2018, Pakistan	
<b>Keynote Speaker IEEE:</b>	2018
Keynote Speaker , IEEE International Symposium on Artificial Intelligence and Robotics 2018 (ISAIR2018), November 17-19, 2018, Nanyang, China	
<b>Track Chair IEEE:</b>	2018
Track Chair, SSTM, The 27th IEEE International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (2018), Paris, France	
<b>Appreciation Plaque:</b>	2018
Plaque of Appreciation for Cyber Security Training Qatar National Commission for Education, Culture and Science, 2018	
<b>Cyber Sec. Panelist</b>	2018
Cyber Security Distinguished Panelist at Launch Conference of Institute of Advanced Studies, Islamabad National University, 2018 at Prime Minister House , Islamabad	
<b>Invited Speaker :</b>	2018
Invited Speaker/Resource Person 8th International Workshop on 'Internet Security: Enhancing Information Exchange Safeguards' (2018), Doha, Qatar	
<b>PCST Award</b>	2018
Research Productivity Award from Pakistan Council for Science and Technology (PCST) 2017	
<b>MCS BR Award</b>	2017
MCS- NUST Best Researcher Award	
<b>IET Fellow -</b>	2017
Awarded one of the youngest Fellow of The Institution of Engineering and Technology (IET) UK	
<b>Appreciation Plaque:</b>	2017
Plaque of Appreciation for Information Security Training from Al-Farabi Kazakh National University, Kazakhstan, 2017	
<b>Track Chair IEEE:</b>	2017
Track Chair, The 26th IEEE International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (2017), Poland	
<b>BCS Fellow:</b>	2017
Awarded the Grade of Fellow from The British Computer Society , UK	

<b>IST Fellow:</b>	2017
Awarded the Grade of Fellow from The Institute of Science & Technology, UK	
<b>Editor IEEE :</b>	2017
Full-Time Associate Technical Editor, IEEE Communications Magazine (Jan 2017 to Dec 2020)( ISI-Indexed, IF 11.05)	
<b>Editor Elsevier :</b>	2017
Full-Time Associate Editor, Journal of Network and Computer Applications (Elsevier) (ISI-Indexed, IF 5.5)	
<b>Adjunct Faculty</b>	2016
Graduate Faculty/ Member Advisory Board for Doctoral and Graduate Studies, Florida Institute of Technology (FIT), USA	
<b>Co-Chair IEEE:</b>	2016
Track Chair, 17th International Conference on E-health Networking, Application & Services (HealthCom 2016), Munich, Germany	
<b>Co-Chair IEEE:</b>	2016
Co-Chair, IEEE International Workshop on Big Data Analytics for Smart and connected Health, 2016, Washington DC, USA	
<b>Invited Speaker:</b>	2016
Invited Speaker/ Academic Expert, 6th International Workshop on 'Internet Security: Enhancing Information Exchange Safeguards' (2016), Rabat, Morocco	
<b>SMIEEE-</b>	2016
Elected to the Grade of Senior Member form Institute of Electrical and Electronics Engineers (SMIEEE), USA	
<b>Editor Springer:</b>	2016
Full-Time Associate Editor, Cluster Computing (Springer) (ISI-Indexed, IF 3.4)	
<b>Appreciation Plaque:</b>	2015
Plaque of Appreciation for Cyber Security Training from the Training Centre for Islamic Countries (SESRIC), 2015, Ankara, Turkey	
<b>Co-Chair IEEE:</b>	2015
Track Chair, International Conference on Information Technology- New Generations, 2015 Las Vegas, USA	
<b>Co-Chair IEEE:</b>	2015
Track Chair, The 12th International Conference on Mobile Systems and Pervasive Computing (MobiSPC 2015) Belfort, France	
<b>Invited Speaker:</b>	2015
Invited Speaker/ Academic Expert, 5th International Workshop on 'Internet Security: Enhancing Information Exchange Safeguards' (2015), Ankara, Turkey	
<b>Panellist Cyber Security</b>	2015
Expert Panel list 6th Cyber Security Summit, (2015), Riyadh, Saudi Arabia	
<b>Invited Speaker:</b>	2015
Invited Speaker at Microsoft Trusting Cloud Workshop (2015), Riyadh, KSA	
<b>Editor :</b>	2015
Full-Time Associate Editor, Ad Hoc & Sensor Wireless Networks (ISI-Indexed, IF 0.9)	
<b>Appreciation Plaque:</b>	2014
Plaque of Appreciation for Information Security Training from Tanzania Commission for Science & Technology (COSTECH), 2014, Tanzania	
<b>Keynote Speaker :</b>	2014
Key Note Speaker at 3rd International Workshop on 'Internet Security: Enhancing Information Exchange Safeguards' (2014), Nabeul, Tunisia	
<b>CyberPatriot-</b>	2014
CyberPatriot from NG, US Air force Association, USA	
<b>Editor IEEE :</b>	2014
Full-Time Associate Editor, IEEE Access (ISI-Indexed, IF 4.0)	
<b>Editor :</b>	2014
Full-Time Associate Editor, KSII Transactions on Internet and Information Systems (ISI-Indexed, IF 0.6)	
<b>Appreciation Plaque:</b>	2013
Plaque of Appreciation for Cyber Security Training from Higher Institute of Technological Studies (ISET), 2013, Nabeul, Tunisia	
<b>Co-Chair IEEE:</b>	2012
Co-Chair, IEEE Eastern European Regional Conference on the Engineering of Computer-Based Systems (2012), Serbia	
<b>Keynote Speaker:</b>	2012
Key Note Speaker AT 2nd COMSATS-ISESCO International Workshop on Internet Security: Enhancing Information Exchange Safeguards, (2012) Jordan	
<b>Appreciation Plaque:</b>	2012

Plaque of Appreciation from Royal Scientific Society (RSS), 2012, Amman, Jordan	
<b>Editor Springer:</b> Full-Time Associate Editor, Electronic Commerce Research (Springer) (ISI-Indexed, IF 2.7) (From June 2012 to June 2019)	2012
<b>Appreciation Plaque:</b> Plaque of Appreciation for Cyber Security Training from Higher Institute for Applied Sciences and Technology (HIAST), 2011, Damascus, Syria	2011
<b>Invited Speaker:</b> Invited Speaker at Workshop on Internet Security: Enhancing Information Exchange Safeguards, (2011) Damascus, Syria	2011
<b>Invited Speaker:</b> Invited Speaker at 4th Annual IPID Symposium (2009), London, UK	2009
<b>Invited Speaker:</b> Invited Speaker at IPID Annual workshop (2009), Orebro, Sweden	2009
<b>Appreciation Plaque:</b> Plaque of Appreciation for Cyber Security Training from Islamic Educational, Scientific and Cultural Organization (ISESCO), 2016, Rabat, Morocco	
<b>Guest Editor IEEE:</b> Lead Guest Editor, Feature Topic on Cyber security for Critical Infrastructure Systems, IEEE Communications Magazine (IEEE) (ISI-Indexed, IF 11.4)	
<b>Guest Editor MIAD</b> Guest Editor, Mobile Intelligence Assisted by Data Analytics and Cognitive Computing (MIAD), Wireless Communications and Mobile Computing {Impact factor: 1.5, ISI-EI Indexed}	
<b>Track Chair IEEE:</b> Track Chair, The 28th IEEE International Conference on Enabling Technologies: Infrastructure for Collaborative Enterprises (2019), Capri, Italy	
<b>HEC App Suprsr :</b> HEC Approved Doctoral Studies Advisor	
<b>Director NCSAEL</b> Founder & Director, National Cyber Security Auditing and Evaluation Lab (NCSAEL), MCS NUST	
<b>Member, Association ICT:</b> Member, Association for Information Systems Special Interest Group on ICT and Global Development, USA	
<b>Editor IEEE:</b> Full-Time Associate Editor, IEEE Transactions on Information Technology in Biomedicine / IEEE Journal of Biomedical and Health Informatics (IEEE) (ISI-Indexed, IF 5.2)	
<b>Regional Editor Springer:</b> Regional Editor (Pakistan & Iran ), Neural Computing and Applications (Springer) (ISI-Indexed, IF 4.7)	
<b>Editor Springer:</b> Associate Editor, Springer Plus (Springer) (ISI-Indexed, IF 0.9) (Till January 2016)	
<b>Guest Editor Springer:</b> Lead Guest Editor, Special Issue on Security and Privacy issues in Cloud Computing, Springer- Annals of Telecommunications (ISI-Indexed, IF 1.4)	
<b>Guest Editor Springer:</b> Lead Guest Editor, Special Issue on Secure Cloud Computing for Mobile Health Services in Springer Peer to Peer Networking and Applications (ISI-Indexed, IF 1.2)	
<b>Sec. Editor IEEE :</b> Section Editor, Security Analytics and Intelligence for Cyber Physical Systems, IEEE Access (ISI-Indexed, IF 4.0)	
<b>Guest Editor Springer:</b> Guest Editor, Special Issue "Smart e-Commerce Integration with Recommender Systems", Electronic Markets (ISI-Indexed, IF 2.8)	
<b>Guest Editor Elsevier:</b> Guest Editor, Special Issue on Cognitive Internet of Things Assisted by Cloud Computing and Big Data, Future Generation Computer Systems (Elsevier) {Impact factor: 6.1, ISI-EI Indexed}	
<b>Workshop Chair, IEEE</b> Workshop Chair, IEEE International Wireless Communications & Mobile Computing Conference (IWCMC 2019) , June 24 — 28, 2019, Tangier, Morocco	
<b>Poster Chair IEEE:</b> Poster/Demo Chair, The 17th IEEE Int'l Conference on Dependable, Autonomic and Secure Computing (DASC 2019) August 5-8, 2019, Fukuoka, Japan	
<b>Invited Speaker:</b>	

University Best Researcher Award -2022

## Research Projects

### National Projects

<b>PAK-UK Education Gateway Mobility Partnership Grant For Faculty</b> <b>Funding Agency:</b> British Council <b>Amount:</b> PKR 2,810,000.00 <b>Status:</b> Approved_inprocess	2023
<b>AI STP- Web Appl Security Evaluation and Health Informatics</b> <b>Funding Agency:</b> Army <b>Amount:</b> PKR 15,060,000.00 <b>Status:</b> Approved_inprocess	2022
<b>AI Empowered Anomaly Detection System and MITRE Att@ck Mapping</b> <b>Funding Agency:</b> National Center in Big Data and Cloud Computing (NCBC) <b>Amount:</b> PKR 2,400,000.00 <b>Status:</b> Completed	2020
<b>Rethinking cybersecurity in Pakistan: Human factirs' Essential Role (ReCyP:HER)</b> <b>Funding Agency:</b> European Union <b>Amount:</b> PKR 19,550,000.00 <b>Status:</b> Approved_inprocess	
<b>NetXploit - The Smart Pentester</b> <b>Funding Agency:</b> Islamic Development Bank <b>Amount:</b> PKR 15,000,000.00 <b>Status:</b> Completed	2019
<b>Temper resistant database log update via blockchain</b> <b>Funding Agency:</b> Higher Education Commission <b>Amount:</b> PKR 348,300.00 <b>Status:</b> Completed	2019
<b>Traffic Accident Prediction Model using Deep Learning and Machine Learning Algorithms</b> <b>Funding Agency:</b> HEC <b>Amount:</b> PKR 459,000.00 <b>Status:</b> Completed	2019
<b>NATIONAL CYBER SECURITY AUDITING AND EVALUATION LAB (NCSAEL)</b> <b>Funding Agency:</b> HEC <b>Amount:</b> PKR 73,200,000.00 <b>Status:</b> Approved_inprocess	2018

### International Projects

## Research Articles

<b>Compliance and feedback based model to measure cloud trustworthiness for hosting digital twins</b> <i>Syed Imran Akhtar Abdul Rauf Haider Abbas Muhammad Faisal Amjad Ifra Batool</i> <i>Journal of Cloud Computing</i> , Volume 13, Article Number: 132 <b>Impact Factor:</b> 3.700   <b>Quartile:</b> 2 <b>DOI:</b> <a href="https://doi.org/10.1186/s13677-024-00690-0">https://doi.org/10.1186/s13677-024-00690-0</a>	2024
<b>C2-Eye: framework for detecting command and control (C2) connection of supply chain attacks</b> <i>Raja Zeeshan Haider Baber Aslam Haider Abbas Zafar Iqbal</i> <i>International Journal of Information Security</i> , Volume 23, Issue 4, Pages 2531-2545 <b>Impact Factor:</b> 2.400   <b>Quartile:</b> 2   <b>Citations:</b> 2 <b>DOI:</b> <a href="https://doi.org/10.1007/s10207-024-00850-y">https://doi.org/10.1007/s10207-024-00850-y</a>	2024
<b>Verifiable Privacy-Preserving Image Retrieval in Multi-Owner Multi-User Settings</b> <i>Shahzad Khan Haider Abbas Waseem Iqbal</i> <i>IEEE Transactions on Emerging Topics in Computational Intelligence</i> , Volume 8, Issue 2 <b>Impact Factor:</b> 5.3   <b>Quartile:</b> 2   <b>Citations:</b> 8	2024

DOI: 10.1109/TETCI.2024.3353612

**Secure semantic search using deep learning in a blockchain-assisted multi-user setting**

2024

Shahzad Khan Haider Abbas Muhammad Binsawad

*Journal of Cloud Computing*, Volume 13, Issue 1, Article Number: 29

**Impact Factor:** 3.700 | **Quartile:** 2

**DOI:** <https://doi.org/10.1186/s13677-023-00578-5>

**Security Assessment and Evaluation of VPNs: A Comprehensive Survey**

2023

Haider Abbas Naina Emmanuel Muhammad Faisal Amjad Tahreem Yaqoob Muhammad Atiquzzaman Zafar Iqbal Narmeen Shafqat Waleed Bin Shahid Ali  
Tanveer Umer Ashfaq

*ACM Computing Surveys*, Volume 55, Issue 13s

**Impact Factor:** 14.324 | **Quartile:** 1 | **Citations:** 18

**DOI:** <https://doi.org/10.1145/3579162>

**PCSS: Privacy Preserving Communication Scheme for SDN Enabled Smart Homes**

2022

Haider Abbas Bilal Rauf Yawar Abbas Muhammad Faisal Amjad Mian Muhammad Waseem Iqbal Ahmed Hemani  
*IEEE Sensors*, Volume 22, Issue 18, Pages 17677-17690

**Impact Factor:** 3.301 | **Quartile:** 2 | **Citations:** 32

**DOI:** 10.1109/JSEN.2021.3087779

**ENCVIDC: an innovative approach for encoded video content classification**

2022

Faiqa Amjad Fawad Khan Shahzaib Tahir Tahreem Yaqoob Haider Abbas  
*Neural Computing and Applications*, Pages 1-18

**Impact Factor:** 6.0 | **Quartile:** 2 | **Citations:** 4

**DOI:** <https://doi.org/10.1007/s00521-022-07480-2>

**A deep learning assisted personalized deception system for countering web application attacks**

2022

Waleed Bin Shahid Haider Abbas Hammad Afzal Saad Bin Khalid Baber Aslam

*Journal of Information Security and Applications*, Volume 67, Article Number 103169

**Impact Factor:** 3.872 | **Quartile:** 2 | **Citations:** 10

**DOI:** <https://doi.org/10.1016/j.jisa.2022.103169>

**A framework to predict early news popularity using deep temporal propagation patterns**

2022

Ramsha Saeed Haider Abbas Sara Asif Saddaf Rubab Malik Muhammad Khan Naima Altaf Shynar Mussiraliyeva  
*Expert Systems with Applications*, Volume 195, Article Number 116496

**Impact Factor:** 6.954 | **Quartile:** 1 | **Citations:** 7

**DOI:** <https://doi.org/10.1016/j.eswa.2021.116496>

**Water Is a Viable Data Storage Medium: A Security and Privacy Viewpoint**

2022

Shahzaib Tahir Hasan Tahir Ruhma Tahir Muttukrishnan Rajarajan Haider Abbas  
*Electronics*, Volume 11(5), Article Number 818

**Impact Factor:** 2.397 | **Quartile:** 3

**DOI:** <https://doi.org/10.3390/electronics11050818>

**Forensic analysis of image deletion applications**

2022

Maheen Fatima Haider Abbas Waseem Iqbal Narmeen Shafqat  
*Multimedia Tools and Applications*, Pages 1-28

**Impact Factor:** 2.757 | **Quartile:** 2 | **Citations:** 1

**DOI:** <https://doi.org/10.1007/s11042-021-11619-z>

**An enhanced deep learning based framework for web attacks detection, mitigation and attacker profiling**

2022

Waleed Bin Shahid Haider Abbas Saad Bin Khalid Hammad Afzal Baber Aslam

*Journal of Network and Computer Applications*, Volume 198, Article Number 103270

**Impact Factor:** 8.7 | **Quartile:** 1 | **Citations:** 43

**DOI:** <https://doi.org/10.1016/j.jnca.2021.103270>

**Enriching Conventional Ensemble Learner with Deep Contextual Semantics to Detect Fake News in Urdu**

2022

Ramsha Saeed Hammad Afzal Haider Abbas Maheen Fatima

*ACM Transactions on Asian and Low-Resource Language Information Processing*, Volume 21, Issue 1, Article Number 6, Pages 1-19

**Impact Factor:** 1.413 | **Quartile:** 4 | **Citations:** 3

**DOI:** <https://doi.org/10.1145/3461614>

<b>CACS: A Context-Aware and Anonymous Communication Framework for an Enterprise Network using SDN</b> <i>Bilal Rauf Haider Abbas Ahmed Muqeem Shehri Waseem Iqbal Yawar Abbas Bangash Mahmoud Daneshmand Muhammad Faisal Amjad</i> <i>IEEE Internet of Things Journal</i> , Volume: 9, Issue: 14, Page(s): 11725 - 11736, 15 July 2022 <b>Impact Factor: 9.471   Quartile: 1   Citations: 5</b> <b>DOI: 10.1109/JIOT.2021.3132030</b>	2021
<b>Textual analysis of traitor-based dataset through semi supervised machine learning</b> <i>Asif Masood Haider Abbas Faisal Nawaz Janjua Imran Rashid Malik Muhammad Zaki Murtaza</i> <i>Future Generation Computer Systems</i> , Volume 125, Pages 652-660 <b>Impact Factor: 7.307   Quartile: 1   Citations: 17</b> <b>DOI: 10.1016/j.future.2021.06.036</b>	2021
<b>A survey on Common Criteria (CC) evaluating schemes for security assessment of IT products</b> <i>Mehreen Fatima Haider Abbas Tahreem Yaqoob Narmeen Shafqat Zameen Ahmad Raja Zeeshan Zia Muhammad Tauseef Ahmad Rana Shynar</i> <i>Mussiraliyeva</i> <i>PeerJ Computer Science</i> , Volume 7, Article Number e701 <b>Impact Factor: 2.411   Quartile: 2   Citations: 12</b> <b>DOI: 10.7717/peerj-cs.701</b>	2021
<b>Hand-based Multibiometric Systems: State-of-the-Art and Future Challenges</b> <i>Farhan Riaz Anum Aftab Haider Abbas Muhammad Waseem Iqbal Farrukh Aslam Khan Muhammad Khurram Khan</i> <i>PeerJ Computer Science</i> , Volume 7, Article Number e707 <b>Impact Factor: 2.411   Quartile: 2   Citations: 15</b> <b>DOI: <a href="https://doi.org/10.7717/peerj-cs.707">https://doi.org/10.7717/peerj-cs.707</a></b>	2021
<b>Blockchain-Based Public Key Infrastructure: A Transparent Digital Certification Mechanism for Secure Communication</b> <i>Aqsa Rashid Asif Masood Dr. Haider Abbas Yin Zhang</i> <i>IEEE Network</i> , Volume:35, Issue:5, Page:220-225 <b>Impact Factor: 10.294   Quartile: 1   Citations: 25</b> <b>DOI: 10.1109/MNET.101.2000532</b>	2021
<b>ALAM: Anonymous Lightweight Authentication Mechanism for SDN Enabled Smart Homes</b> <i>Haider Abbas Bilal Rauf Yawar Abbas Imran Rashid Mian Muhammad Waseem Iqbal Pan Deng Jiafu Wan</i> <i>IEEE Internet of Things Journal</i> , Volume 8, Issue 12, Pages 9622-9633 <b>Impact Factor: 10.238   Quartile: 1   Citations: 65</b> <b>DOI: 10.1109/JIOT.2020.3024058</b>	2021
<b>An Edge Computing Node Deployment Method Based on Improved k-Means Clustering Algorithm for Smart Manufacturing</b> <i>Chun Jiang Jiafu Wan Haider Abbas</i> <i>IEEE Systems Journal</i> , Volume 15, Issue 2, Pages 2230-2240 <b>Impact Factor: 4.802   Quartile: 2   Citations: 49</b> <b>DOI: 10.1109/JSYST.2020.2986649</b>	2021
<b>Context-oriented trust computation model for industrial Internet of Things</b> <i>Ayesha Altaf Haider Abbas Faiza Iqbal Farrukh AslamKh Abdelouahid Derhab Saddaf Rubab</i> <i>Computers &amp; Electrical Engineering</i> , Volume 92, Article Number 107123 <b>Impact Factor: 4.152   Quartile: 2   Citations: 15</b> <b>DOI: <a href="https://doi.org/10.1016/j.compeleceng.2021.107123">https://doi.org/10.1016/j.compeleceng.2021.107123</a></b>	2021
<b>User-Oriented Virtual Mobile Network Resource Management for Vehicle Communications</b> <i>Huimin Lu Yin Zhang Yujie Li Chi Jiang Haider Abbas</i> <i>IEEE Transactions on Intelligent Transportation Systems</i> , Volume 22, Issue 6, Pages 3521-3532 <b>Impact Factor: 9.551   Quartile: 1   Citations: 183</b> <b>DOI: 10.1109/TITS.2020.2991766</b>	2021
<b>Cybersecurity Standards in the Context of Operating System: Practical Aspects, Analysis, and Comparisons</b> <i>Syed Wasif Abbas Hamdani Haider Abbas Abdul Rehman Janjua Waleed Bin Shahid Muhammad Faisal Amjad Jahanzaib Malik Malik Hamza Murtaza</i> <i>Mohammed Atiquzzaman Abdul Waheed Khan</i> <i>ACM Computing Surveys</i> , Volume 54, Issue 3, Article Number 57 <b>Impact Factor: 14.324   Quartile: 1   Citations: 24</b> <b>DOI: <a href="https://doi.org/10.1145/3442480">https://doi.org/10.1145/3442480</a></b>	2021

<b>Robust, Secure, and Adaptive Trust-Oriented Service Selection in IoT-Based Smart Buildings</b> <i>Malik Muhammad Zaki Murtaza Khan Ayesha Altaf Haider Abbas Faiza Iqbal Mahmoud Daneshmand</i> <i>IEEE Internet of Things Journal</i> , Volume 8, Issue 9, Pages 7497-7509 <b>Impact Factor:</b> 10.238   <b>Quartile:</b> 1   <b>Citations:</b> 23 <b>DOI:</b> 10.1109/JIOT.2020.3040775	2021
<b>Mitigating service-oriented attacks using context-based trust for smart cities in IoT networks</b> <i>Ayesha Altaf Haider Abbas Faiza Iqbal Malik Muhammad Zaki Murtaza Abdul Rauf Tehsin Kanwal</i> <i>Journal of Systems Architecture</i> , Volume:115, Article Number: 102028 <b>Impact Factor:</b> 5.836   <b>Quartile:</b> 1   <b>Citations:</b> 28 <b>DOI:</b> 10.1016/j.sysarc.2021.102028	2021
<b>AdS : An Adaptive Spectrum Sensing Technique for Survivability under Jamming Attack in Cognitive Radio Networks</b> <i>Hammad Afzal Haider Abbas Abdul B. Subhani Muhammad Faisal Amjad</i> <i>Computer Communications</i> , Volume 172, Pages 25-34 <b>Impact Factor:</b> 5.047   <b>Quartile:</b> 1   <b>Citations:</b> 10 <b>DOI:</b> <a href="https://doi.org/10.1016/j.comcom.2021.03.001">https://doi.org/10.1016/j.comcom.2021.03.001</a>	2021
<b>Enterprise Integration Patterns in SDN: A Reliable, Fault-Tolerant Communication Framework</b> <i>Waseem Iqbal Abdul Waheed Abdul Waheed Bilal Rauf Haider Abbas Ahmed Muqeem Sheri Abdul Waheed</i> <i>IEEE Internet of Things Journal</i> , Volume 8, Issue 8, Pages 6359-6371 <b>Impact Factor:</b> 10.238   <b>Quartile:</b> 1   <b>Citations:</b> 9 <b>DOI:</b> 10.1109/JIOT.2020.3034350	2021
<b>Cryptographic Framework for Role Control Remedy: A Secure Role Engineering mechanism for Single Authority Organizations</b> <i>Aqsa Rashid Asif Masood Haider Abbas</i> <i>Future Generation Computer Systems</i> , Volume 117, Pages 245-258 <b>Impact Factor:</b> 7.307   <b>Quartile:</b> 1   <b>Citations:</b> 3 <b>DOI:</b> <a href="https://doi.org/10.1016/j.future.2020.10.021">https://doi.org/10.1016/j.future.2020.10.021</a>	2021
<b>Multi-task reading for intelligent legal services</b> <i>Yujie Li Gang Hu Jinyang Du Haider Abbasd Yin Zhang</i> <i>Future Generation Computer Systems</i> , Volume 113, Pages 218-227 <b>Impact Factor:</b> 7.187   <b>Quartile:</b> 1   <b>Citations:</b> 1 <b>DOI:</b> <a href="https://doi.org/10.1016/j.future.2020.07.001">https://doi.org/10.1016/j.future.2020.07.001</a>	2020
<b>An In-Depth Analysis of IoT Security Requirements, Challenges and their Countermeasures via Software Defined Security</b> <i>Mian Muhammad Waseem Iqbal Haider Abbas Mehmood Daneshmand Bilal Rauf Yawar Abbas Bangash</i> <i>IEEE Internet of Things Journal</i> , Volume 7, Issue 10, Pages 10250-10276 <b>Impact Factor:</b> 9.471   <b>Quartile:</b> 1   <b>Citations:</b> 310 <b>DOI:</b> 10.1109/JIOT.2020.2997651	2020
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