

Moazzam Ali Khan Khattak

Associate Professor

School of Electrical Engineering and Computer Science

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About

Dr. Moazzam Ali Khan Khattak is working as Associate Professor in the School of Electrical Engineering and Computer Science. Dr. Moazzam Ali Khan Khattak has a PhD in Wireless Sensor Networks. Dr. Moazzam Ali Khan Khattak has published 82 research articles & conference papers having a citation count of 1238, carried out 0 projects and filed 0 intellectual property.

Qualifications

PhD in Wireless Sensor Networks International Islamic University , Pakistan	2008 - 2011
MS in Mobile Adhoc Networks International Islamic University , Pakistan	2006 - 2008
BS in Computer Networks	2001 - 2005

Experience

Associate Professor School of Electrical Engineering and Computer Science	2020- Present
Associate Professor School of Electrical Engineering and Computer Science	2017 - 2020
Assistant Professor School of Electrical Engineering and Computer Science	2017 - 2017
Assistant Professor College of Electrical & Mechanical Engineering	2013 - 2017
Post Doctorate University of Missouri , United States	2016 - 2023
Assistant Prof/Chair CS Deptt Abdul Wali Khan University Mardan , Mardan KPK	2012 - 2013
Assistant Professor CECOS University of IT & Emerging Sciences , Phase 6 Hayatabad Peshawar	2011 - 2012
Lecturer International Islamic University Islamabad , H-10 Islamabad Pakistan	2010 - 2011
Research Scholar University of Missouri USA , Kansas City USA.	2010 - 2010
Lecturer/AP Abasyn University Peshawar , Peshawar	2008 - 2010

Awards

Mobilty Grant University of Missouri, KC USA.	2016
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Research Articles

Robust Method for Semantic Segmentation of Whole-Slide Blood Cell Microscopic Images <i>Muhammad Shahzad Arif Iqbal Umar Muazzam A. Khan Syed Hamad Shirazi Zakir Khan Waqas Yousaf</i> <i>Computational and Mathematical Methods in Medicine</i> , Volume 2020, Article ID 4015323, 13 pages	2020
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Impact Factor: 2.238 Quartile: 3 Citations: 47 DOI: https://doi.org/10.1155/2020/4015323	
Congestion avoidance in vehicular networks: A contemporary survey <i>Balawal Shabir Muazzam Ali Khan Anis-ur-Rahman Asad Waqar Malik Abdul Wahid</i> <i>IEEE Access</i> , Volume 7, Pages 173196-173215 Impact Factor: 3.745 Quartile: 1 Citations: 28 DOI: DOI: 10.1109/ACCESS.2019.2955142	2019
Classification of Melanoma and Nevus in Digital Images for Diagnosis of Skin Cancer <i>MUHAMMAD QASIM KHAN AYYAZ HUSSAIN SAEED UR REHMAN UMAIR KHAN MUAZZAM MAQSOOD KASHIF MEHMOOD MUAZZAM A. KHAN</i> <i>IEEE Access</i> , Volume 7, Pages 90132-90144 Impact Factor: 3.745 Quartile: 1 Citations: 194 DOI: 10.1109/ACCESS.2019.2926837	2019
Congestion Avoidance for Smart Devices by Caching Information in MANETS and IoT <i>Nousheen Akhtar Muazzam A. Khan ATA ULLAH Muhammad Younas Javed</i> <i>IEEE Access</i> , Volume 7, Pages 71459-71471 Impact Factor: 3.745 Quartile: 1 Citations: 46 DOI: 10.1109/ACCESS.2019.2918990	2019
VFog: A Vehicle-Assisted Computing Framework for Delay-Sensitive Applications in Smart Cities <i>Syed Sarmad Shah Muhammad Ali Asad Waqar Malik Muazzam A. Khan Sri Devi Ravana</i> <i>IEEE Access</i> , <i>IEEE Access Journal</i> Impact Factor: 3.745 Quartile: 1 Citations: 50 DOI: 10.1109/ACCESS.2019.2903302	2019
A Novel Image Encryption Scheme Based on Orthogonal Matrix, Skew Tent Map and XOR Operation <i>Fadia Ali Khan Jameel Ahmed Jan Sher Khan Jawad Ahmad Muazzam Ali Khan</i> <i>Neural Computing and Applications</i> , NULL Impact Factor: 4.664 Quartile: 1 Citations: 60 DOI: 10.1007/s00521-017-2970-3	2018
FogNetSim++: A Toolkit for Modeling and Simulation of Distributed Fog Environment <i>Tariq Qayyum Asad Waqar Malik Muazzam Ali Khan Osman Khalid Samee U. Khan Samee U. Khan</i> <i>IEEE Access</i> , Vol.6, Article No.8502760, Pages 63570-63583 Impact Factor: 4.098 Quartile: 1 Citations: 155 DOI: 10.1109/ACCESS.2018.2877696	2018
Fundus Images-Based Detection and Grading of Macular Edema Using Robust Macula Localization <i>Adeel M. Syed Muhammad Usman Akram Tahir Akram Muhammad Muzammal Shehzad Khalid Muazzam Ahmed Khan</i> <i>IEEE Access</i> , Volume 6, Pages 58784-58793 Impact Factor: 4.098 Quartile: 1 Citations: 44 DOI: 10.1109/ACCESS.2018.2873415	2018
A Compression Sensing and Noise Tolerant Image Encryption Scheme based on Chaotic Maps and Orthogonal Matrices <i>Jawad ahmad Muazzam A. Khan Seong Oun Hwang Jan Sher Khan</i> <i>Neural Computing and Applications</i> , Volume: 28 Pages: S953-S967 Supplement: 1 Impact Factor: 4.215 Quartile: 1 Citations: 62 DOI: 10.1007/s00521-016-2405-6	2017
An Improved Image Encryption Scheme Based on a Non-Linear Chaotic Algorithm and Substitution Boxes <i>Jan Sher Khan Muazzam Ali Khan Jawad Ahmad Seong Oun Hwang Waqas Ahmed</i> <i>Informatica</i> , NULL Impact Factor: 1.386 Quartile: 2 Citations: 27 DOI: 10.15388/Informatica.2017.149	2017
A Novel Image Encryption Based on Lorenz Equation, Gingerbreadman chaotic map and S 8 permutation <i>Fadia Ali Khan Jameel Ahmed Jan Sher Khan Jawad Ahmad Muazzam A Khan</i> <i>Journal of Intelligent & Fuzzy Systems</i> , NULL Impact Factor: 1.426 Quartile: 3 Citations: 59 DOI: 10.3233/JIFS-17656	2017

Security Vulnerabilities and Improvements of SPAM: A Secure Password Authentication Mechanism for Seamless Handover in Proxy Mobile IPv6 Networks <i>Mohammad Sabzinejad Farash Shehzad Ashraf Chaudhry SK Hafizul Islam Muazzam A. Khan Khattak Ajiad Albeshri</i> <i>Journal of Information Technology and Control</i> , Volume: 46 Issue: 2 Pages: 205-218 Impact Factor: 0.8 Quartile: 4 Citations: 1 DOI: 10.5755/j01.itc.46.2.12118	2017
TD-ERCS Map Based Confusion and Diffusion of Autocorrelated Data <i>Jan Sher Khan Jawad Ahmad Muazzam A. Khan</i> <i>Nonlinear Dynamics</i> , Volume: 87 Issue: 1 Pages: 93-107 Impact Factor: 4.339 Quartile: 1 Citations: 35 DOI: 10.1007/s11071-016-3028-2	2017
An effective empirical approach to VoIP traffic classification <i>Nazar Abbas Saqib Yaqoot Shakeel Muazzam Khattak Hasan Mehmood Muhammad Zia</i> <i>Turkish Journal of Electrical Engineering and Computer Sciences</i> , Volume: 25 Issue: 2 Pages: 888-900 Impact Factor: 0.580 Quartile: 4 Citations: 5 DOI: 10.3906/elk-1501-126	2017
An Efficient and Secure Partial Image Encryption for Wireless Multimedia Sensor Networks using Discrete Wavelet Transform , Chaotic maps and Substitution Box <i>Jawad Ahmad Muazzam A. Khan Qaisar Javaid Nazar Abbas Saqib</i> <i>Journal of Modern Optics</i> , Volume: 64 Issue: 5 Pages: 531-540 Impact Factor: 1.269 Quartile: 3 Citations: 39 DOI: 10.1080/09500340.2016.1246680	2017
Optimizing SIEM throughput on the cloud using parallelization <i>Masoom Alam Asif Ihsan Muazzam A.Khan Qaisar Javaid Abid Khan Jawad Manzoor Adnan Akhundzada M Khurram Khan Sajid Farooq</i> <i>PLoS One</i> , Volume 11, Issue 11, Article Number e0162746 Impact Factor: 2.806 Quartile: 1 Citations: 3 DOI: 10.1371/journal.pone.0162746	2016
Spread Spectrum Based Energy Efficient Collaborative Communication in Wireless Sensor Networks <i>Anwar Ghan Husnain Naqvi Muhammad Sher Muazzam Ali Khan Imran Khan Azeem Irshad</i> <i>PLOS ONE</i> , Volume 11, Issue 7, Article Number e0159069 Impact Factor: 2.806 Quartile: 1 Citations: 13 DOI: 10.1371/journal.pone.0159069	2016
Person identification using vascular and non-vascular retinal features <i>Zahra Waheed M. Usman Akram Amna Waheed Muazzam A. Khan Arsalan Shaukat Mazhar Ishaq</i> <i>Computers & Electrical Engineering</i> , Volume: 53 Pages: 359-371 Impact Factor: 1.57 Quartile: 3 Citations: 27 DOI: 10.1016/j.compeleceng.2016.03.010	2016
On Generating High Quality Random Numbers <i>Nazar Abbas Saqib Muhammad Zia Hassan Mahmood Moazzam Ali Khan Khattak</i> <i>Journal of Circuits, Systems and Computers</i> , Volume 26, Issue 2, Article Number 1750019 Impact Factor: 0.481 Quartile: 4 Citations: 2 DOI: http://dx.doi.org/10.1142/S0218126617500190	2016
Performance Analysis of VoIP over IPV4, IPv6 and 6-to-4 Tunneling Networks <i>Muhammad Fawad Syed Irfan Ullah Haseena Noureen Arbab Wajid Khan Zar Khitab Shahab Khan Abdus Salam Muazzam Ali Khan</i> <i>International Journal of Computer Science and Information Security</i> , Vol. 14, No.6, Pages 368-372 Impact Factor: - DOI: -	2016
A Novel Real Time Framework for Cluster Based Multicast Communication in Vehicular Ad Hoc Network <i>Waqar Farooq Muazzam Ali Khan Saad Rehman</i> <i>International Journal of Distributed Sensor Networks</i> , Article Number: 8064908 Impact Factor: 1.236 Quartile: 3 Citations: 31 DOI: https://doi.org/10.1155/2016/8064908	2016
A Novel Real Time Framework for Cluster-based Multicast Communication in Vehicular Ad Hoc Networks.	2016

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International Journal of Distributed Sensor Networks, Article Number: 8064908

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DOI: 10.1155/2016/8064908

Improving the Robustness of Neural Networks using K-Support Norm based Adversarial Training

2016

Sheikh Waqas Akhtar Saad Rehman Mahmood Akhtar Farhan Riaz Muazzam A. Khan Qaiser Chaudry Rupert Young

IEEE Access , Volume: 4

Impact Factor: 3.244 | **Quartile:** 1 | **Citations:** 10

DOI: 10.1109/ACCESS.2016.2643678

A Rule Based Genetic Algorithm Technique for Conflicts Resolution in Requirements Engineering

2016

Qasim Khan Muazzam A. Khan Qaisar Javaid Irfan Ullah Kamran Ullah M. Fawad

Journal of Computational and Theoretical Nanoscience, Vol. 13, 8427–8433

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DOI: <https://doi.org/10.1166/jctn.2016.5993>

A Survey of Multicast Routing Protocols for Vehicular Ad Hoc Networks

2015

Waqar Farooq Muazzam Ali Khan Nazar Abbas Saqib Saad Rehman

International Journal of Distributed Sensor Networks , Article Number: 923086, Pages 1-12

Impact Factor: 0.906 | **Quartile:** 3 | **Citations:** 43

DOI: <http://dx.doi.org/10.1155/2015/923086>

Hybrid Features and Mediods Classification based Robust Segmentation of Blood Vessels

2015

Amna Waheed Muhammad Usman Akram Shehzad Khalid Zahra Waheed Muazzam Khattak Arsalan Shaukat

Journal of Medical System, Volume: 39 Issue: 10

Impact Factor: 2.456 | **Quartile:** 2 | **Citations:** 26

DOI: 10.1007/s10916-015-0316-1

Discrimination of acidic and alkaline enzyme using Chou's pseudo amino acid composition in conjunction with probabilistic neural network model

2015

Zaheer Ullah Khan Maqsood Hayat Muazzam Khattak

Journal of Theoretical Biology, Volume: 365 Pages: 197-203

Impact Factor: 2.049 | **Quartile:** 1 | **Citations:** 132

DOI: 10.1016/j.jtbi.2014.10.014

Intelligent algorithm design of the LFSR based stream cipher

2014

Syed Irfan Ullah Muazzam A. Khan Malik Sikandar Hayat Khiyal

World Applied Sciences Journal, Volume 30, Issue 4, Pages 498-505

Impact Factor: 0 | **Citations:** 1

DOI: 10.5829/idosi.wasj.2014.30.04.9

Secure Actor Directed Localization in Wireless Sensor and Actor Networks

2013

Muazzam A. Khan Amir Hayat Masoom Alam Muhammad Ali Tamleek Ali

International Journal of Distributed Sensor Networks, Article Number: 126327

Impact Factor: 0.923 | **Quartile:** 3 | **Citations:** 3

DOI: 10.1155/2013/126327

Energy Efficient Workload Balancing Algorithm for Real-Time Tasks over Multi-Core

2013

Nadia Dilawar Muazzam Ali Khattak Maqssod Hayat Muhammad Zakraya

World Applied Sciences Journal, Volume 22, Issue 10, Pages 1431-1439

Impact Factor: 0 | **Citations:** 13

DOI: 10.5829/idosi.wasj.2013.22.10.602

A QoS Based Secure Multicast Communication Frame work for Wireless Sensor & Actor Networks

2011

Muazzam Ali Khan Muhammad Sher Ghalib A. Shah

International journal of innovative computing, information & control: IJICIC, Volume 7, Issue no 12

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Conference Proceedings

Unified Methodology for Cloud Storage Providers' APIs and Performance Analysis for Effectiveness of the Approach

2019

Hira Zahid Muazzam A. Khan Muhammad Usman Akram Abdul Wahid Asad W. Malik

17th International Conference E-Society 2019, res.country(165,)	
Citations: N/A	
DOI: 10.33965/es2019_201904L024	
Unified Methodology for Cloud Storage Providers, APIs and Performance Analysis for Effectiveness of the Approach	2019
<i>Hira Zahid Muazzam A. Khan M Usman Akram Abdul Wahid</i>	
17 th International Conference on e-Society (ES 2019), res.country(165,)	
Citations: N/A	
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Identification of Remote IoT Users Using Sensor Data Analytics	2019
<i>Muazzam A. Khan Nazar A. Saqib Ali Hassan Samera Batool</i>	
FICC: Future of Information and Communication Conference, res.country(233,)	
Citations: N/A	
DOI: 10.1007/978-3-030-12388-8_24	
The Applications of Model Driven Architecture (MDA) in Wireless Sensor Networks (WSN) - Techniques and Tools	2019
<i>Muhammad Waseem Anwar Muazzam A. Khan Wasi Haider Butt Farooque Azam</i>	
Future of Information and Communication Conference FICC 2019, res.country(233,)	
Citations: N/A	
DOI: 10.1007/978-3-030-12388-8_2	
Congestion Aware and Adaptive Routing Protocols for MANETs - A Survey	2019
<i>Muazzam A. Khan Ata Ullah Muhammad Younus Javed Nousheen Akhtar</i>	
Recent Trends and Advances in Wireless and IoT-enabled Networks, res.country(177,)	
Citations: N/A	
DOI: 10.1007/978-3-319-99966-1_15	
A Review: Ubiquitous Healthcare Monitoring with Mobile Phone	2018
<i>M Uzair Muazzam A. Khan Shaiza Mann Muhammad Imran</i>	
9th IEEE Annual Ubiquitous Computing, Electronics & Mobile Communication Conference (IEEE UEMCON 2018), res.country(233,)	
Citations: N/A	
DOI: N/A	
Visual Meaningful Encryption Scheme Using Intertwinning Logistic Map	2018
<i>Muazzam A. Khan Saadullah Farooq Abbasi Jawad Ahmad Jan Sher Khan Shehzad Amin Sheikh</i>	
SAI Computing Conference 2018, res.country(231,)	
Citations: N/A	
DOI: 10.1007/978-3-030-01177-2_56	
Visual Meaningful Encryption Scheme using Intertwinning Logistic Map	2018
<i>Saadullah Farooq Abbasi Jawad Ahmad Jan Sher Khan Muazzam A. Khan Shehzad Amin Sheikh Saadullah Farooq Abbasi Jawad Ahmad Jan Sher Khan</i>	
<i>Muazzam A. Khan Shehzad Amin Sheikh</i>	
SAI: Science and Information Conference, res.country(231,)	
Citations: N/A	
DOI: 10.1007/978-3-030-01177-2_56	
Detection and Prevention of Black Hole Attacks in IOT Networks	2018
<i>Shoukat Ali Dr. Muazzam A Khan Jawad Ahmad Asad W. Malik Anis ur Rehman</i>	
IEEE International Conference on Fog and Mobile Edge Computing (FMEC 2018), res.country(68,)	
Citations: N/A	
DOI: 10.1109/FMEC.2018.8364068	
Detection and prevention of Black Hole Attacks in IOT & WSN	2018
<i>Muazzam A Khan Jawad Ahmad Asad W. Malik Anis ur Rehman Shoukat Ali</i>	
2018 Third International Conference on Fog and Mobile Edge Computing (FMEC), res.country(68,)	
Citations: N/A	
DOI: 10.1109/FMEC.2018.8364068	
Evaluation of trust management approaches in wireless sensor networks	2018
<i>Farwa Kazmi Muazzam A. Khan Ayesha Saeed Nazar Abbas Saqib Muhammad Abbas</i>	
2018 15th International Bhurban Conference on Applied Sciences and Technology (IBCAST), res.country(177,)	
Citations: N/A	

DOI: 10.1109/IBCAST.2018.8312329	
Evaluation of clustering algorithms for wireless sensor and actor networks <i>Ayesha Saeed Wasi Haider Butt Farwa Kazmi Muazzam A. Khan</i> 2018 15th International Bhurban Conference on Applied Sciences and Technology (IBCAST), res.country(177,) Citations: N/A DOI: 10.1109/IBCAST.2018.8312331	2018
Evaluation of Trust Management Approaches in Wireless Sensor Networks <i>Muazzam Khattak Farwa Kazmi Ayesha Saeed Dr. Nazar Abbas Saqib Dr. Muhammad Abbas</i> 15th International Bhurban Conference on Applied Sciences and Technology (IBCAST), res.country(177,) Citations: N/A DOI: 10.1109/IBCAST.2018.8312329	2018
Energy Efficient Target Tracking in Wireless Sensor and Actor Networks Based on NS-2 <i>Umair Shafiq Nazar A. Saqib Muazzam A. Khan</i> Smart Trends in Systems, Security and Sustainability, res.country(68,) Citations: N/A DOI: 10.1007/978-981-10-6916-1_3	2017
A Novel Technique for Recognition and Tracking of Moving Objects Based on E-MACH and Proximate Gradient (PG) Filters <i>Muazzam Khattak Haris Masood Dr. Saad Rahman Dr. Qaiser Chaudhary Dr. Muhammad Abbas M.Alam2 Rupert Young</i> 20th IEEE International Conference of Computer and Information Technology (ICCIT) , res.country(19,) Citations: N/A DOI: 10.1109/ICCITECHN.2017.8281849	2017
AAGV: A Cluster Based Multicast Routing Protocol for Autonomous Aerial and Ground Vehicles Communication in VANET <i>Muazzam Khattak Waqar Farooq Saad Rehman Nazar Abbas Saqib Muhammad Abbas</i> 15th International Conference on Frontiers of Information Technology (FIT 2017), res.country(177,) Citations: N/A DOI: 10.1109/FIT.2017.00063	2017
Efficient Routing Strategy for Congestion Avoidance in MANETs <i>Muazzam Khattak Nousheen Akhtar Ata Ullah Muhammad Younus Javed</i> 15th International Conference on Frontiers of Information Technology (FIT 2017), res.country(177,) Citations: N/A DOI: 10.1109/FIT.2017.00061	2017
Secure?AODV?Protocol?for Mobile Networks using Short Digital Signatures <i>Muazzam Khattak Tahir Abbas Ahmad Khaliq Dr. Nazar Abbas Saqib Dr. Saad Rahman Jawad Ahmad</i> 2017 4th International Conference on Computational Science and Computational Intelligence, res.country(233,) Citations: N/A DOI: 10.1109/CSCI.2017.111	2017
A Survey of Routing Protocols for Underwater Wireless Sensor Networks <i>Muazzam Khattak Nazar A. Saqib Saad Rehman Samera Batool</i> 2nd IEEE Future Technologies Conference held from 29-30 Nov 2017 in Canada, res.country(38,) Citations: N/A DOI: http://saiconference.com/Downloads/FTC2017/Proceedings/138_Paper_38-A_Survey_of_Routing_Protocols_for_Underwater_Wireless_Sensor_Networks.pdf	2017
Security Risk Detection Algorithms in Artificial Immune Systems <i>Muazzam Khattak Saad Rehman Kanza Sheikh Farhan Riaz</i> 2nd International Conference on Information Technologies, Systems and Networks, (ITSN-2017) Citations: N/A DOI: https://ibn.idsi.md/ro/vizualizare_articol/60424	2017
Quality of The Software Products and Their Successfulness. <i>Muazzam Khattak Maryam Gillani Muhammad Abbas Saad Rehman Ata Ullah</i> 2nd International Conference on Information Technologies, Systems and Networks (ITSN-2017) Citations: N/A DOI: https://ibn.idsi.md/ro/vizualizare_articol/60414	2017
A New Technique for Designing 8 X 8 Substitution Box for Image Encryption Applications	2017

<p><i>Muazzam Khattak Fadia Ali Khan Jameel Ahmed Jan Sher Khan Jawad Ahmad Seong Oun Hwang</i> 9th Computer Science and Electronic Engineering (CEECE), res.country(231,)</p> <p>Citations: N/A DOI: 10.1109/CEECE.2017.8101591</p>	
<p>A Study on Word Spotting Techniques for Document Image Analysis</p> <p><i>Muazzam Khattak Hafiz Adnan Niaz Usman Akram Anam Usman Awais Rafique</i> 2nd International Conference on Multimedia Systems and Signal Processing, res.country(227,)</p> <p>Citations: N/A DOI: 10.1145/3145511.3145525</p>	2017
<p>A Novel Substitution Box for Encryption Based on Lorenz Equations</p> <p><i>Muazzam Khattak</i> 2017 International Conference on Circuits, System and Simulation (ICCSS), res.country(231,)</p> <p>Citations: N/A DOI: 10.1109/CIRSYSSIM.2017.8023176</p>	2017
<p>A Study on Word Spotting Techniques for Document Image Analysis</p> <p><i>Hafiz Adnan Niaz M. Usman Akram Muazzam A Khan Anam Usman Awais Rafique</i> International Conference on Computer, Software and Modeling, res.country(154,)</p> <p>Citations: N/A DOI: 10.1145/3145511.3145525</p>	2017
<p>Botnet Traffic Analysis Using Flow Graphs</p> <p><i>Wahid Hussain Nazar Abbas Saqib Muazzam A. Khan Wasi Haider Butt</i> 6th International Conference on Bioinformatics and Biomedical Science ICBBS '17, res.country(197,)</p> <p>Citations: N/A DOI: 10.1145/3121138.3121184</p>	2017
<p>Botent Traffic Analysis using Flow Graphs</p> <p><i>Wahid Hussain Nazar Abbas Saqib Muazzam A. Khan Wasi Haider Butt</i> International Conference on Biometric and Forensic Engineering, res.country(197,)</p> <p>Citations: N/A DOI: 10.1145/3121138.3121184</p>	2017
<p>Unicast Routing Protocols in Vehicular Ad-hoc Networks: A Comparative Analysis</p> <p><i>Muhammad Uzair Muazzam A. Khan Nazar A. Saqib Jawad Ahmad</i> International Conference on Information and Network Technologies, res.country(100,)</p> <p>Citations: N/A DOI: 10.18178/JACN.2017.5.2.243</p>	2017
<p>Internet of Things data analytics for user authentication and activity recognition</p> <p><i>Samera Batool Nazar A. Saqib Muazzam.A. Khan</i> 2nd International Conference on Fog and Mobile Edge Computing (FMEC), res.country(68,)</p> <p>Citations: N/A DOI: 10.1109/FMEC.2017.7946428</p>	2017
<p>Fully Invariant Wavelet Enhanced Minimum Average Correlation Energy Filter for Object Recognition in Cluttered and Occluded Environments</p> <p><i>Sara Tehsin Saad Rehman Farhan Riaz Omer Saeed Ali Hassan Muazzam Khan Muhammad S. Alam</i> Pattern Recognition and Tracking XXVIII(2017), res.country(233,)</p> <p>Citations: N/A DOI: 10.1117/12.2262434</p>	2017
<p>Secure speech communication algorithm via DCT and TD-ERCS chaotic map</p> <p><i>Zeeshan Habib Jan Sher Khan Jawad Ahmad Muazzam A. Khan Fadia Ali Khan</i> 4th International Conference on Electrical and Electronic Engineering (ICEEE), res.country(224,)</p> <p>Citations: N/A DOI: 10.1109/ICEEE2.2017.7935827</p>	2017
<p>The Applications of Natural Language Processing (NLP) for Software Requirement Engineering – A Systematic Literature Review</p> <p><i>Farhana Nazir Wasi Haider Butt Muhammad Waseem Anwar Muazzam A. Khan Khattak</i> International Conference on Information Science and Applications, res.country(48,)</p> <p>Citations: N/A</p>	2017

DOI: 10.1007/978-981-10-4154-9_56	
AMVR: A multicast routing protocol for autonomous military vehicles communication in VANET <i>Waqar Farooq Muazzam Ali Khan Saad Rehman</i> 14th International Bhurban Conference on Applied Sciences and Technology (IBCAST), res.country(177,)	2017
Citations: N/A DOI: 10.1109/IBCAST.2017.7868128	
Tracking of Fixed Shape Moving Objects based on Modified Particle Filters <i>Haris Masood Saad Rehman Muazzam Khan Qaiser Javed M.Abbas M.Alam Rupert Young</i> 19th International Conference on Computer and Information Technology, res.country(19,)	2016
Citations: N/A DOI: 10.1109/ICCITECHN.2016.7860202	
Detection and Prevention of Distributed Denial of Service Attacks in VANETs <i>Munazza Shabbir Muazzam A. Khan Umair Shafiq Khan Nazar A. Saqib</i> 2016 International Conference on Computational Science and Computational Intelligence (CSCI), res.country(233,)	2016
Citations: N/A DOI: 10.1109/CSCI.2016.0186	
Management of road lights system using Vehicular Ad-hoc Networks. <i>Mudassar Adeel Ahmed Imran Ahsan Muazzam A. Khan Saad Rahman</i> 2016 2nd IEEE International Conference on Computer and Communications (ICCC), res.country(48,)	2016
Citations: N/A DOI: 10.1109/CompComm.2016.7925108	
A Surrogate Channel Based Analysis of EEG Signals for Detection of Epileptic Seizure <i>Saqib Ejaz Sajid Gul Khawaja Muazzam A. Khan M. Usman Akram</i> 2016 IEEE International Conference on Imaging Systems and Techniques (IST) , res.country(88,)	2016
Citations: N/A DOI: 10.1109/IST.2016.7738256	
AutoDrop: Automatic DDoS Detection and its Mitigation with Combination of OpenFlow and Sflow <i>Faisal Shahzad Muazzam A. Khan Shoab A. Khan Saad Rehman</i> 1st International Conference on Future Intelligent Vehicular Technologies, res.country(183,)	2016
Citations: N/A DOI: 10.1007/978-3-319-51207-5_11	
Intelligent Actor Mobility with Event Tracking in Wireless Sensor and Actor Networks <i>Amna W. Awan Nazar A. Saqib Muazzam A. Khan</i> 45th International Conference on Parallel Processing Workshops (ICPPW), res.country(233,)	2016
Citations: N/A DOI: 10.1109/ICPPW.2016.16	
Identification of Heart Failure by Using Unstructured Data of Cardiac Patients <i>Muhammad Saqlain Wahid Hussain Nazar A. Saqib Muazzam A. Khan</i> 2016 45th International Conference on Parallel Processing Workshops (ICPPW), res.country(233,)	2016
Citations: N/A DOI: 10.1109/ICPPW.2016.66	
A Novel Security System for Preventing DoS Attacks on 4G LTE Networks <i>Sundus Ayyaz Muazzam A. Khan Jawad Ahmad Cory Beard Baek Y. Choi Nazar A. Saqib</i> ICWN'16 - The 15th International Conference on Wireless Networks, res.country(233,)	2016
Citations: N/A DOI: N/A	
A Cluster based Multicast routing protocol for Autonomous Unmanned Military Vehicles (AUMVs) communication in VANET <i>Waqar Farooq Muazzam Ali Khan Saad Rehman</i> 2016 International Conference on Computing, Electronic and Electrical Engineering, ICE Cube 2016, res.country(177,)	2016
Citations: N/A DOI: 10.1109/ICECUBE.2016.7495251	
DeVANET: Decentralized Software-Defined VANET Architecture <i>Afza Kazmi Muazzam A. Khan M. Usman Akram</i> 2016 IEEE International Conference on Cloud Engineering Workshop (IC2EW), res.country(57,)	2016

Citations: N/A
DOI: 10.1109/IC2EW.2016.12

Liver Image Analysis Using Color and Texture Descriptors 2016

M. Usman Akram Madiha Naveed Muazzam A. Khan Sarah Gul
International Conference on Digital Information Processing, Electronics, and Wireless Communications (DIPEWC2016), res.country(2,)

Citations: N/A
DOI: <http://paper.researchbib.com/view/paper/67616>

Survey Based Analysis of Internet of Things Based Architectural Framework for Hospital Management System 2015

Amna Pir Muhammad Usman Akram Muazzam A. Khan
2015 13th International Conference on Frontiers of Information Technology (FIT), res.country(177,)

Citations: N/A
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