

# Usman Qamar

Professor

College of Electrical & Mechanical Engineering

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## About

Dr. Usman Qamar is working as Professor in the College of Electrical & Mechanical Engineering. Dr. Usman Qamar has a PhD in Data Sciences. Dr. Usman Qamar has published 145 research articles & conference papers having a citation count of 2382, carried out 0 projects and filed 0 intellectual property.

## Qualifications

<b>PhD in Data Sciences</b> University of Manchester , England	2005 - 2008
<b>MPhil in Big Data</b> University of Manchester , England	2003 - 2005
<b>MSc in Computer Systems Design</b> University of Manchester , England	2002 - 2003
<b>BE in Computer Engineering</b> NUST, Islamabad , Pakistan	1998 - 2001

## Experience

<b>Professor</b> College of Electrical & Mechanical Engineering	2021- Present
<b>Associate Professor</b> College of Electrical & Mechanical Engineering	2017 - 2021
<b>Assistant Professor</b> College of Electrical & Mechanical Engineering	2015 - 2017
<b>Assistant Professor</b> College of Electrical & Mechanical Engineering	2014 - 2015
<b>Assistant Professor</b> College of Electrical & Mechanical Engineering	2012 - 2014
<b>Assistant Professor</b> College of Electrical & Mechanical Engineering	2011 - 2012

Awards

<b>Tamgha--i-Imtiaz</b> Awarded TIM by the President Islamic Republic of Pakistan	2024
<b>HEC Best Book Award</b> HEC best book award. 2017/18 at 7th Outstanding Research awards by Higher Education Commission, Pakistan	2019
<b>NUST Best Researcher</b> Best overall NUST University Researcher Award 2016	2018
<b>British Council Fellow</b> British Council Fellowship 2018	2018
<b>HEC Best Researcher</b> Best Researcher of Pakistan 2015/16 at 6th Outstanding Research awards by Higher Education Commission, Pakistan	2018
<b>HEC Best Papers</b> Two best research paper awards at 6th Outstanding Research awards by Higher Education Commission, Pakistan	2018
<b>Gold in R&amp;D</b> Gold in Research & Development category by Pakistan Software Houses Association (P@SHA) ICT Awards 2017	2017
<b>Charles Wallace</b> Charles Wallace Fellowship 2016/17	2017
<b>EME Best Researcher</b> Best NUST College of E&ME, Researcher Award 2016/17	2017
<b>Int Professional Ach</b> Finalist of the British Council's International Professional Achievement Award 2016/17	2017
<b>Gold in R&amp;D</b> Gold in Research & Development category by Pakistan Software Houses Association (P@SHA) ICT Awards 2013	2013
<b>PhD Research Fellowship</b> PhD Research Fellowship, Engineering and Physical Sciences Research Council (EPSRC), UK	2002

Research Articles

<b>The price of innovation: Decoding organizational stressors and strains in the lives of software professionals</b> <i>Wasi Haider Butt Usman Qamar Uzair Khaleeq Uz Zaman Sadia Khalid Uzair Rasheed</i> <i>Journal of Workplace Behavioral Health</i> , Pages 1-49 <b>Impact Factor:</b> 1.500   <b>Quartile:</b> 3 <b>DOI:</b> <a href="https://doi.org/10.1080/15555240.2025.2491418">https://doi.org/10.1080/15555240.2025.2491418</a>	2025
<b>A novel data driven anticipatory framework for the communicable syndrome</b> <i>Tahira Sadaf Usman Qamar Shoab Ahmed Khan Sameera Amjad</i> <i>Engineering Applications of Artificial Intelligence</i> , Volume 132, Article Number 107929 <b>Impact Factor:</b> 7.500   <b>Quartile:</b> 1   <b>Citations:</b> 1 <b>DOI:</b> <a href="https://doi.org/10.1016/j.engappai.2024.107929">https://doi.org/10.1016/j.engappai.2024.107929</a>	2024
<b>A computationally efficient approximation calculation method in dominance-based rough set approach</b> <i>Usman Qamar Muhammad Summair Raza</i> <i>Applied Soft Computing</i> , Volume 148, Article Number 110926 <b>Impact Factor:</b> 8.7   <b>Quartile:</b> 1   <b>Citations:</b> 2 <b>DOI:</b> <a href="https://doi.org/10.1016/j.asoc.2023.110926">https://doi.org/10.1016/j.asoc.2023.110926</a>	2023
<b>Process Parameter Optimization of Additively Manufactured Parts using Intelligent Manufacturing</b> <i>Rizwan Ur Rehman Uzair Khaleeq uz Zaman Shahid Aziz Hamid Jabbar Adnan Shujah Shaheer Khaleequzzaman Amir Hamza Usman Qamar Dong Won Jung</i> <i>Sustainability</i> , Volume 14(22), Article Number 15475 <b>Impact Factor:</b> 3.889   <b>Quartile:</b> 2   <b>Citations:</b> 4 <b>DOI:</b> <a href="https://doi.org/10.3390/su142215475">https://doi.org/10.3390/su142215475</a>	2022
<b>A parallel rule-based approach to compute rough approximations of dominance based rough set theory</b>	2022

<p><i>Faryal Nosheen Usman Qamar Muhammad Summair Raza</i>  <i>Engineering Applications of Artificial Intelligence</i> , Volume 115, Article Number 105285</p> <p><b>Impact Factor:</b> 7.802   <b>Quartile:</b> 1   <b>Citations:</b> 7  <b>DOI:</b> <a href="https://doi.org/10.1016/j.engappai.2022.105285">https://doi.org/10.1016/j.engappai.2022.105285</a></p>		
<p><b>Redefining preliminaries of dominance-based rough set approach</b></p> <p><i>Faryal Nosheen Usman Qamar Summair Raza</i>  <i>Soft Computing</i> , Volume 26, Issue 3, Pages 977-1002</p> <p><b>Impact Factor:</b> 3.732   <b>Quartile:</b> 2   <b>Citations:</b> 6  <b>DOI:</b> <a href="https://doi.org/10.1007/s00500-021-06619-y">https://doi.org/10.1007/s00500-021-06619-y</a></p>		2022
<p><b>GenF: A longevity predicting framework to aid public health sectors</b></p> <p><i>Sadia Khalid Usman Qamar Uzair Rasheed</i>  <i>Informatics in Medicine Unlocked</i> , Volume 26, Article Number 100751</p> <p><b>Impact Factor:</b> 0   <b>Citations:</b> 2  <b>DOI:</b> <a href="https://doi.org/10.1016/j.imu.2021.100751">https://doi.org/10.1016/j.imu.2021.100751</a></p>		2021
<p><b>Phonocardiogram signal analysis for classification of Coronary Artery Diseases using MFCC and 1D adaptive local ternary patterns</b></p> <p><i>Khushbakht Iqtidar Usman Qamar Sumair Aziz Muhammad Umar Khan</i>  <i>Computers in Biology and Medicine</i> , Volume 138, Article Number 104926</p> <p><b>Impact Factor:</b> 6.698   <b>Quartile:</b> 1   <b>Citations:</b> 38  <b>DOI:</b> <a href="https://doi.org/10.1016/j.combiomed.2021.104926">https://doi.org/10.1016/j.combiomed.2021.104926</a></p>		2021
<p><b>Efficient Contact Tracing for pandemics using blockchain</b></p> <p><i>Nida Bar Usman Qamar Ayesha Khalid</i>  <i>Informatics in Medicine Unlocked</i> , Volume 26, Article Number 100742</p> <p><b>Impact Factor:</b> 0   <b>Citations:</b> 15  <b>DOI:</b> <a href="https://doi.org/10.1016/j.imu.2021.100742">https://doi.org/10.1016/j.imu.2021.100742</a></p>		2021
<p><b>Blood Glucose Level Prediction of Diabetic Type 1 Patients Using Nonlinear Autoregressive Neural Networks</b></p> <p><i>Usman Qamar Muhammad Asad Muhammad Abbas</i>  <i>Journal of Healthcare Engineering</i> , Volume 2021, Article ID 6611091, 7 pages</p> <p><b>Impact Factor:</b> 3.822   <b>Quartile:</b> 2   <b>Citations:</b> 15  <b>DOI:</b> <a href="https://doi.org/10.1155/2021/6611091">https://doi.org/10.1155/2021/6611091</a></p>		2021
<p><b>Classification of cardiac disorders using 1D local ternary patterns based on pulse plethysmograph signals</b></p> <p><i>Usman Qamar Sumair Aziz Muhammad Awais Muhammad Umar Khan Khushbakht Iqtidar</i>  <i>Expert Systems</i> , Pages 1-17, Article Number e12664</p> <p><b>Impact Factor:</b> 2.812   <b>Quartile:</b> 2   <b>Citations:</b> 21  <b>DOI:</b> <a href="https://onlinelibrary.wiley.com/doi/10.1111/exsy.12664">https://onlinelibrary.wiley.com/doi/10.1111/exsy.12664</a></p>		2021
<p><b>An optimized method to calculate approximations in Dominance based Rough Set Approach</b></p> <p><i>Usman Qamar Aleena Ahmad Muhammad Summair Raza</i>  <i>Applied Soft Computing Journal</i> , Volume 97, Part B, Article Number 106731</p> <p><b>Impact Factor:</b> 6.725   <b>Quartile:</b> 1   <b>Citations:</b> 14  <b>DOI:</b> <a href="https://doi.org/10.1016/j.asoc.2020.106731">https://doi.org/10.1016/j.asoc.2020.106731</a></p>		2020
<p><b>Using Blockchain for Electronic Health Records</b></p> <p><i>Usman Qamar Ayesha Shahnaz Ayesha Khalid</i>  <i>IEEE Access</i> , Volume 7, Pages 147782 - 147795</p> <p><b>Impact Factor:</b> 3.745   <b>Quartile:</b> 1   <b>Citations:</b> 468  <b>DOI:</b> <a href="https://doi.org/10.1109/ACCESS.2019.2946373">10.1109/ACCESS.2019.2946373</a></p>		2019
<p><b>A parallel approach to calculate lower and upper approximations in dominance based rough set theory</b></p> <p><i>Usman Qamar Muhammad Summair Raza</i>  <i>Applied Soft Computing</i> , Volume 84, Article Number 105699</p> <p><b>Impact Factor:</b> 5.472   <b>Quartile:</b> 1   <b>Citations:</b> 23  <b>DOI:</b> <a href="https://doi.org/10.1016/j.asoc.2019.105699">10.1016/j.asoc.2019.105699</a></p>		2019
<p><b>HCF-CRS: A Hybrid Content based Fuzzy Conformal Recommender System for providing recommendations with confidence</b></p> <p><i>Sundus Ayyaz Usman Qamar Raheel Nawaz</i></p>		2018

<i>PLoS ONE</i> , NULL	
<b>Impact Factor:</b> 2.776   <b>Quartile:</b> 2   <b>Citations:</b> 38 <b>DOI:</b> 10.1371/journal.pone.0204849	
<b>WebMAC: A web based clinical expert system</b> <i>Saba Bashir Usman Qamar Farhan Hassan Khan</i> <i>Information Systems Frontiers</i> , Volume: 20, Issue: 5, (Special Issue: SI), Pages 1135-1151 <b>Impact Factor:</b> 2.539   <b>Quartile:</b> 2   <b>Citations:</b> 8 <b>DOI:</b> 10.1007/s10796-016-9718-y	2018
<b>A parallel rough set based dependency calculation method for efficient feature selection</b> <i>Muhammad Summair Raza Usman Qamar</i> <i>Applied Soft Computing</i> , NULL <b>Impact Factor:</b> 4.873   <b>Quartile:</b> 1   <b>Citations:</b> 27 <b>DOI:</b> 10.1016/j.asoc.2017.10.006	2018
<b>A heuristic based dependency calculation technique for rough set theory</b> <i>Muhammad Summair Raza Usman Qamar</i> <i>Pattern Recognition</i> , NULL <b>Impact Factor:</b> 5.898   <b>Quartile:</b> 1   <b>Citations:</b> 25 <b>DOI:</b> 10.1016/j.patcog.2018.04.009	2018
<b>Enhanced cross-domain sentiment classification utilizing a multi-source transfer learning approach</b> <i>Farhan Hassan Khan Usman Qamar Saba Bashir</i> <i>Soft Computing</i> , NULL <b>Impact Factor:</b> 2.784   <b>Quartile:</b> 2   <b>Citations:</b> 22 <b>DOI:</b> 10.1007/s00500-018-3187-9	2018
<b>Feature selection using rough set-based direct dependency calculation by avoiding the positive region</b> <i>Muhammad Summair Raza Usman Qamar</i> <i>International Journal of Approximate Reasoning</i> , NULL <b>Impact Factor:</b> 1.982   <b>Quartile:</b> 3   <b>Citations:</b> 42 <b>DOI:</b> 10.1016/j.ijar.2017.10.012	2018
<b>Redefining core preliminary concepts of classic Rough Set Theory for feature selection</b> <i>Muhammad Summair Raza Usman Qamar</i> <i>Engineering Applications of Artificial Intelligence</i> , Volume 65, October 2017, Pages 375-387 <b>Impact Factor:</b> 2.819   <b>Quartile:</b> 1   <b>Citations:</b> 12 <b>DOI:</b> 10.1016/j.engappai.2017.08.003	2017
<b>URWF: user reputation based weightage framework for twitter micropost classification</b> <i>Asad Bukhari Usman Qamar Ume Ghazia</i> <i>Information Systems and e-Business Management</i> , Volume 15 Issue 3, Pages 623-659 <b>Impact Factor:</b> 1.032   <b>Quartile:</b> 4   <b>Citations:</b> 7 <b>DOI:</b> 10.1007/s10257-016-0320-0	2017
<b>Lexicon based semantic detection of sentiments using expected likelihood estimate smoothed odds ratio</b> <i>Farhan Hassan Khan Usman Qamar Saba Bashir</i> <i>Artificial Intelligence Review</i> , Volume: 48 Issue: 1 Pages: 113-138 <b>Impact Factor:</b> 3.814   <b>Quartile:</b> 1   <b>Citations:</b> 28 <b>DOI:</b> 10.1007/s10462-016-9496-4	2017
<b>A semi-supervised approach to sentiment analysis using revised sentiment strength based on SentiWordNet</b> <i>Farhan Hassan Khan Usman Qamar Saba Bashir</i> <i>Knowledge and Information Systems</i> , Volume: 51, Issue: 3, Pages: 851-872 <b>Impact Factor:</b> 2.247   <b>Quartile:</b> 2   <b>Citations:</b> 82 <b>DOI:</b> 10.1007/s10115-016-0993-1	2017
<b>eSAP: A decision support framework for enhanced sentiment analysis and polarity classification</b> <i>Farhan Hassan Khan Usman Qamar Saba Bashir</i> <i>Information Sciences</i> , Volumes 367–368, Pages 862-873 <b>Impact Factor:</b> 4.832   <b>Quartile:</b> 1   <b>Citations:</b> 62 <b>DOI:</b> 10.1016/j.ins.2016.07.028	2016

<b>A Multicriteria Weighted Vote-Based Classifier Ensemble for Heart Disease Prediction</b> <i>Saba Bashir Usman Qamar Farhan Hassan Khan</i> <i>Computational Intelligence</i> , Volume 32, Issue 4, Pages 615-645 <b>Impact Factor:</b> 0.964   <b>Quartile:</b> 4   <b>Citations:</b> 33 <b>DOI:</b> 10.1111/coin.12070	2016
<b>Multi-Objective Model Selection (MOMS)-based Semi-Supervised Framework for Sentiment Analysis</b> <i>Farhan Hassan Khan Usman Qamar Saba Bashir</i> <i>Cognitive Computation</i> , Volume: 8 Issue: 4 Pages: 614-628 <b>Impact Factor:</b> 3.441   <b>Quartile:</b> 1   <b>Citations:</b> 26 <b>DOI:</b> 10.1007/s12559-016-9386-8	2016
<b>A Majority Vote Based Classifier Ensemble for Web Service Classification</b> <i>Usman Qamar Rozina Niza Saba Bashir Farhan Hassan Khan</i> <i>Business and Information Systems Engineering</i> , Volume 58, Issue 4, Pages 249-259 <b>Impact Factor:</b> 3.392   <b>Quartile:</b> 1   <b>Citations:</b> 20 <b>DOI:</b> 10.1007/s12599-015-0407-z	2016
<b>An incremental dependency calculation technique using rough sets for feature selection</b> <i>Muhammad Summair Raza Usman Qamar</i> <i>Information Sciences</i> , Volume: 343, Pages: 41-65 <b>Impact Factor:</b> 4.832   <b>Quartile:</b> 1   <b>Citations:</b> 62 <b>DOI:</b> 10.1016/j.ins.2016.01.044	2016
<b>SWIMS: Semi-Supervised Subjective Feature Weighting and Intelligent Model Selection for Sentiment Analysis</b> <i>Farhan Hassan Khan Usman Qamar Saba Bashir</i> <i>Knowledge-Based Systems, Elsevier</i> , Volume: 100 Pages: 97-111 <b>Impact Factor:</b> 4.529   <b>Quartile:</b> 1   <b>Citations:</b> 55 <b>DOI:</b> 10.1016/j.knosys.2016.02.011	2016
<b>Senti-CS: Building a lexical resource for sentiment analysis using subjective feature selection and normalized Chi-Squarebased feature weight generation</b> <i>Farhan Hassan Khan Usman Qamar Saba Bashir</i> <i>Expert Systems</i> , Volume: 33 Issue: 5 Pages: 489-500 <b>Impact Factor:</b> 1.180   <b>Quartile:</b> 3   <b>Citations:</b> 14 <b>DOI:</b> 10.1111/exsy.12161	2016
<b>HMV: A medical decision support framework using multi-layer classifiers for disease prediction</b> <i>Saba Bashir Usman Qamar Farhan Hassan Khan Lubna Naseem</i> <i>Journal of Computational Science</i> , Volume 13, Pages 10-25 <b>Impact Factor:</b> 1.748   <b>Quartile:</b> 2   <b>Citations:</b> 72 <b>DOI:</b> doi:10.1016/j.jocs.2016.01.001	2016
<b>SentiMI: Introducing point-wise mutual information with SentiWordNet to improve sentiment polarity detection</b> <i>Farhan Hassan Khan Usman Qamar Saba Bashir</i> <i>Applied Soft Computing</i> , Volume 39, Pages 140-153 <b>Impact Factor:</b> 3.541   <b>Quartile:</b> 1   <b>Citations:</b> 94 <b>DOI:</b> https://doi.org/10.1016/j.asoc.2015.11.016	2016
<b>IntelliHealth: A medical decision support application using a novel weighted multi-layer classifier ensemble framework</b> <i>Saba Bashir Usman Qamar Farhan Hassan Khan</i> <i>Journal of Biomedical Informatics</i> , Volume: 59, Pages: 185-200 <b>Impact Factor:</b> 2.753   <b>Quartile:</b> 1   <b>Citations:</b> 132 <b>DOI:</b> 10.1016/j.jbi.2015.12.001	2016
<b>A Framework for Classifying Unstructured Data of Cardiac Patients: A Supervised Learning Approach</b> <i>Iqra Basharat Ali Raza Anjum Mamuna Fatima Usman Qamar Shoab Ahmed Khan</i> <i>International Journal of Advanced Computer Science and Applications</i> , Vol. 7, No. 2, Pages 133-141 <b>Impact Factor:</b> 0 <b>DOI:</b> 10.14569/IJACSA.2016.070218	2016

<b>Pulmonary Nodules Detection and Classification Using Hybrid Features from Computerized Tomographic Images</b>  <i>Sheeraz Akram Muhammad Younus Javed Usman Akram Usman Qamar Ali Hassan</i> <i>Journal of Medical Imaging and Health Informatics</i> , Volume 6, Number 1, Pages 252-259 <b>Impact Factor:</b> 0.621   <b>Quartile:</b> 4   <b>Citations:</b> 41 <b>DOI:</b> 10.1166/jmihi.2016.1600	2016
<b>Text Mining Through Label Induction Grouping Algorithm Based Method</b>  <i>Gulshan Saleem Nisar Ahmed Usman Qamar</i> <i>Science International</i> , Vol. 28, Issue 1, Pages 265-272 <b>Impact Factor:</b> - <b>DOI:</b> -	2016
<b>A text mining based approach for web service classification</b>  <i>Usman Qamar Rozina Nisa</i> <i>INFORMATION SYSTEMS AND E-BUSINESS MANAGEMENT</i> , 13 Issue: 4 Pages: 751-768 Special Issue: SI <b>Impact Factor:</b> 0.953   <b>Quartile:</b> 3   <b>Citations:</b> 27 <b>DOI:</b> 10.1007/s10257-014-0252-5	2015
<b>Heterogeneous classifiers fusion for dynamic breast cancer diagnosis using weighted vote based ensemble</b>  <i>Saba Bashir Usman Qamar Farhan Hassan Khan</i> <i>Quality and Quantity</i> , Volume: 49 Issue: 5 Pages: 2061-2076 <b>Impact Factor:</b> 0.867   <b>Quartile:</b> 2   <b>Citations:</b> 66 <b>DOI:</b> 10.1007/s11135-014-0090-z	2015
<b>A Relation Extraction Framework for Biomedical Text Using Hybrid Feature Set</b>  <i>Abdul Wahab Muzaffar Farooque Azam Usman Qamar</i> <i>Computational and Mathematical Methods in Medicine</i> , Volume 2015, Article ID 910423, 12 pages <b>Impact Factor:</b> 0.887   <b>Quartile:</b> 3   <b>Citations:</b> 41 <b>DOI:</b> 10.1155/2015/910423	2015
<b>Content-Specific Unigrams and Syntactic Phrases to Enhance Senti Word Net Based Sentiment Classification</b>  <i>Muhammad Latif Usman Qamar Abdul Wahab Muzaffar</i> <i>International Journal of Machine Learning and Computing</i> , Volume 5(4), Pages 307-312 <b>Impact Factor:</b> N/A <b>DOI:</b> DOI:10.7763/IJMLC.2015.V5.525	2015
<b>Building normalized sentiMI to enhance semi-supervised sentiment analysis, Journal of Intelligent and Fuzzy Systems</b>  <i>Farhan Hassan Khan Usman Qamar Saba Bashir</i> <i>Journal of Intelligent &amp; Fuzzy Systems</i> , Vol. 29, Issue no. 5, Pages 1805-1816 <b>Impact Factor:</b> 1.004   <b>Quartile:</b> 3   <b>Citations:</b> 11 <b>DOI:</b> 10.3233/IFS-151658	2015
<b>A novel ensemble for heart disease prediction bootstrap aggregation with multi-objective optimized voting.</b>  <i>Saba Bashir Usman Qamar Farhan Hassan Khan</i> <i>Australasian physical &amp; engineering sciences in medicine</i> , Volume: 38 Issue: 2 Pages: 305-323 <b>Impact Factor:</b> 0.676   <b>Quartile:</b> 4   <b>Citations:</b> 70 <b>DOI:</b> 10.1007/s13246-015-0337-6	2015
<b>Developing an expert system based on association rules and predicate logic for earthquake prediction</b>  <i>Usman Qamar Aqdas Ikram</i> <i>Knowledge-Based Systems</i> , Volume 75, Pages 87-103 <b>Impact Factor:</b> 3.325   <b>Quartile:</b> 1   <b>Citations:</b> 60 <b>DOI:</b> 10.1016/j.knosys.2014.11.024	2015
<b>Artificial Neural Network based Classification of Lungs Nodule using Hybrid Features from Computerized Tomographic Images</b>  <i>Sheeraz Akram Muhammad Younus Javed Usman Qamar Aasia Khanum Ali Hassan</i> <i>Applied Mathematics &amp; Information Sciences</i> , Volume 9, No. 1, Pages 183-195 <b>Impact Factor:</b> -   <b>Citations:</b> 32	2015

DOI: <http://dx.doi.org/10.12785/amis/090124>

<b>MV5: A Clinical Decision Support Framework for Heart Disease Prediction Using Majority Vote Based Classifier Ensemble</b> <i>Usman Qamar Farhan Hassan Khan M. Younus Javed Saba Bashir</i> <i>Arabian Journal for Science and Engineering</i> , Volume: 39 Issue: 11 Pages: 7771-7783 <b>Impact Factor:</b> N/A   <b>Citations:</b> 58 <b>DOI:</b> 10.1007/s13369-014-1315-0	2014
<b>A rule-based expert system for earthquake prediction</b> <i>Usman Qamar Aqdas Ikram</i> <i>Journal of Intelligent Information Systems</i> , Volume 43, Issue 2, Pages 205-230 <b>Impact Factor:</b> 0.886   <b>Quartile:</b> 3   <b>Citations:</b> 20 <b>DOI:</b> 10.1007/s10844-014-0316-5	2014
<b>Protocol-Aware Radio Frequency Jamming in Wi-Fi and Commercial Wireless Networks, Journal of Communications and Networks</b> <i>Abid Hussain Nazar Abbas Saqib Usman Qamar Muhammad Zia Hassan Mahmood</i> <i>Journal of communication and networks</i> , Vol. 16, No. 4 <b>Impact Factor:</b> 1.007   <b>Quartile:</b> 3   <b>Citations:</b> 26 <b>DOI:</b> 10.1109/JCN.2014.000069	2014
<b>A dissimilarity measure based Fuzzy c-means (FCM) clustering algorithm</b> <i>Usman Qamar</i> <i>Journal of Intelligent and Fuzzy Systems</i> , Volume 26, Issue 1, Pages 229-238 <b>Impact Factor:</b> 1.812   <b>Quartile:</b> 2   <b>Citations:</b> 21 <b>DOI:</b> 10.3233/IFS-120730	2014
<b>Global Optimization Ensemble Model for Classification Methods</b> <i>Usman Qamar Hina Anwar Abdul Wahab Muzaffar Qureshi</i> <i>The Scientific World Journal</i> , Article Number: 313164, 9 Pages <b>Impact Factor:</b> N/A   <b>Citations:</b> 18 <b>DOI:</b> 10.1155/2014/313164	2014
<b>TOM: Twitter opinion mining framework using hybrid classification scheme</b> <i>Farhan Hassan Khan Saba Bashir Usman Qamar</i> <i>Decision Support Systems</i> , Volume 57 Pages 245-257 <b>Impact Factor:</b> 2.313   <b>Quartile:</b> 1   <b>Citations:</b> 284 <b>DOI:</b> 10.1016/j.dss.2013.09.004	2014
<b>Texture Classification Using Rotation- and Scale-Invariant Gabor Texture Features</b> <i>Farhan Riaz Ali Hassan Usman Qamar Saad Rehman</i> <i>IEEE Signal Processing Letters</i> , Volume: 20, Issue: 6, Pages: 607-610 <b>Impact Factor:</b> 1.639   <b>Quartile:</b> 2   <b>Citations:</b> 90 <b>DOI:</b> 10.1109/LSP.2013.2259622	2013
<b>Hidden Members and Key Players Detection in Covert Networks Using Multiple Heterogeneous Layers</b> <i>Wasi Haider Butt Usman Qamar Shoab A. Khan</i> <i>Journal of Industrial and Intelligent Information</i> , Vol. 2, Issue No. 2, Pages 142-146 <b>Impact Factor:</b> 0 <b>DOI:</b> 10.12720/jiii.2.2.142-146	2013

Conference Proceedings

<b>A Multi-Agent Deep Reinforcement Learning Framework for Personalized Cancer Treatment Decision Support in Dynamic Clinical Scenarios</b> <i>Madeha Arif Usman Qamar Mehwish Naseer</i> <i>2024 26th International Multi-Topic Conference (INMIC)</i> , res.country(177,) <b>Citations:</b> N/A <b>DOI:</b> 10.1109/INMIC64792.2024.11004375	2024
<b>Ontology Based Test Case Reduction in Regression Testing</b> <i>Ummer Farooq Usman Qamar Arslan Shaukat Abu Bakar Zubia Ashraf Mehwish Naz</i> <i>2023 26th International Conference on Computer and Information Technology, ICCIT 2023</i> , res.country(19,) <b>Citations:</b> N/A	2023

DOI: 10.1109/ICCIT60459.2023.10441049	
<b>Common Problems in Software Requirement Engineering Process: An Overview of Pakistani Software Industry</b>	2023
<i>Sadia Khalid Uzair Rasheed Mishal Muneer Wasi Haider Butt Rabia Mehmood Usman Qamar</i> 2023 4th International Conference on Advancements in Computational Sciences, ICACS 2023, res.country(177,)	
Citations: N/A	
DOI: 10.1109/ICACS55311.2023.10089703	
<b>Relationship between Organization's Physical and Psychological Environment and Employees' Mental Satisfaction: An Empirical Analysis of Employee Turnover in Software Industry</b>	2022
<i>Sadia Khalid Usman Qamar Uzair Rasheed Wasi Haider Butt</i> 2022 16th International Conference on Open Source Systems and Technologies (ICOSST), res.country(177,)	
Citations: N/A	
DOI: 10.1109/ICOSST57195.2022.10016849	
<b>A Decision Making Approach for Street Lockdown to Cope with Covid-19 Cases by Using Shortest Path Selection Mechanism for Unplanned Colonies</b>	2022
<i>Tahira Sadaf Shoab A Khan Usman Qamar</i> 2022 2nd International Conference on Digital Futures and Transformative Technologies (ICoDT2), res.country(177,)	
Citations: N/A	
DOI: 10.1109/ICoDT255437.2022.9787478	
<b>Integrated Product-Process Design: Conceptual Framework for Data Driven Manufacturing Resource Selection</b>	2022
<i>Uzair Khaleeq uz Zaman Mujtaba Rafique Ghoto Ali Siadat Aamer Ahmed Baqai Anas Bin Aqeel Usman Qamar</i> 2022 2nd International Conference on Digital Futures and Transformative Technologies (IcoDT2), res.country(177,)	
Citations: N/A	
DOI: 10.1109/ICoDT255437.2022.9787394	
<b>A Novel Natural Language Processing approach to automatically Visualize Entity-Relationship Model from Initial Software Requirements</b>	2021
<i>Wasi Haider Butt Imran Ahsan Mudassar Adeel Ahmad Usman Qamar</i> 2021 International Conference on Communication Technologies (ComTech), res.country(177,)	
Citations: N/A	
DOI: 10.1109/ComTech52583.2021.9616949	
<b>Tool Support for Green Android Development: A Systematic Mapping Study</b>	2020
<i>Usman Qamar Iffat Fatima Hina Anwar Dietmar Pfahl</i> 15th International Conference on Software Technologies, res.country(75,)	
Citations: N/A	
DOI: 10.5220/0009770304090417	
<b>Improving K-Mean Method by Finding Initial Centroid Points</b>	2020
<i>Usman Qamar Andleeb Aslam Reda Khan Pakizah Saqib</i> 22nd International Conference on Advanced Communication Technology (ICACT), res.country(121,)	
Citations: N/A	
DOI: 10.23919/ICACT48636.2020.9061522	
<b>Computationally Efficient Approximation Algorithm of Dominance Based Rough Set Approach</b>	2020
<i>Usman Qamar Aleena Ahmad Summair Raza</i> 22nd International Conference on Advanced Communication Technology (ICACT), res.country(121,)	
Citations: N/A	
DOI: 10.23919/ICACT48636.2020.9061399	
<b>Weight and Cluster Based Test case Prioritization Technique</b>	2019
<i>Zumar Khalid Usman Qamar</i> IEEE 10th Annual Information Technology, Electronics and Mobile Communication Conference (IEMCON), res.country(38,)	
Citations: N/A	
DOI: 10.1109/IEMCON.2019.8936202	
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<i>Usman Qamar Kanwal Wahab Muhammad Qasim Riaz Khawaja Sarmad Arif</i> The 7th International Conference on Computer and Communications Management, res.country(217,)	
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<b>DOI:</b> 10.1145/3348445.3348461	
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<b>A systematic literature review of continuous Blood glucose monitoring and suggesting-quantity of insulin for diabetic type 1 patient OR artificial pancreas</b> Muhammad Asad Usman Qamar Rahmat Ullah Safdar Aimal Khan <i>2019 11th International Conference on Machine Learning and Computing, res.country(48,)</i> <b>Citations:</b> N/A <b>DOI:</b> 10.1145/3318299.3318352	2019
<b>Blood Glucose Level Prediction with minimal inputs using feedforward neural network for diabetic type 1 Patients</b> Muhammad Asad Usman Qamar Babar Zeb Younas Khan Aimal Khan <i>2019 11th International Conference on Machine Learning and Computing, res.country(48,)</i> <b>Citations:</b> N/A <b>DOI:</b> 10.1145/3318299.3318354	2019
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<b>A Comparison of Modern Localization Techniques in Wireless Sensor Networks (WSNs)</b> Maryum Hamdani Usman Qamar Wasi Haider Butt Fatima Khaliq Saad Rehman <i>Future Technologies Conference (FTC) 2018, res.country(38,)</i> <b>Citations:</b> N/A <b>DOI:</b> 10.1007/978-3-030-02683-7_38	2018
<b>A Systematic Review of Time Series Based Spam Identification Techniques</b> Usman Qamar Iqra Muhammad Rabia Noureen <i>Proceedings of the Future Technologies Conference (FTC) 2018, res.country(38,)</i> <b>Citations:</b> N/A <b>DOI:</b> 10.1007/978-3-030-02686-8_33	2018
<b>SimFiller: Similarity-Based Missing Values Filling Algorithm</b> Fateh ur Rehman Muhammad Abbas Sajjad Murtaza Wasi Haider Butt Usman Qamar Saad Rehman <i>13th International Conference on Digital Information Management, res.country(57,)</i> <b>Citations:</b> N/A <b>DOI:</b> N/A	2018
<b>GDGSE: Game Development with Global Software Engineering</b> Usman Qamar Alia Fatima Tayyaba Rasool <i>2018 IEEE Games, Entertainment, Media Conference (GEM), res.country(101,)</i> <b>Citations:</b> N/A <b>DOI:</b> 10.1109/GEM.2018.8516498	2018
<b>Automated Misspelling Detection and Correction in Clinical Free-text Records</b> Usman Qamar Aiman Khan Nazir Iqra Zafar Asma Shaheen Alia Fatima Bilal Maqbool <i>2018 International Conference on Artificial Intelligence and Big Data (ICAIBD), res.country(48,)</i> <b>Citations:</b> N/A <b>DOI:</b> 10.1109/ICAIBD.2018.8396209	2018
<b>Implementation and Analysis of Novel Clustering Algorithm Without Initial Value Selection for Software Architectural Styles Data Set</b> Qadeem Khan Usman Qamar Wasi Haider Butt Saad Rehman <i>2017 International Conference on Frontiers of Information Technology (FIT), res.country(177,)</i> <b>Citations:</b> N/A <b>DOI:</b> 10.1109/FIT.2017.00019	2017
<b>Merging Prototyping with Agile Software Development Methodology</b>	2017

Usman Qamar Sara Tanvir Mamoona Safdar Hanny Tufail

International Conference on Engineering, Computing & Information Technology (ICECIT 2017), res.country(157,)

Citations: N/A

DOI: N/A

#### Dimensionality Reduction Approaches and Evolving Challenges in High Dimensional Data

2017

Usman Qamar Adnan Ullah Farhan Hassan Khan Saba Bashir

1st International Conference on Internet of Things and Machine Learning, res.country(231,)

Citations: N/A

DOI: 10.1145/3109761.3158407

#### Dataset Designing of Software Architectures Styles for Analysis through Data Mining Clustering

2017

##### Algorithms

Qadeem Khan Dr. Usman Qamar Dr. Wasi Haider Butt Dr. Saad Rehman

IEEE Intelligent Systems Conference, res.country(231,)

Citations: N/A

DOI: 10.1109/IntelliSys.2017.8324325

#### Semantic Analysis of Social Media and Associated Psychotic Behavior

2017

Usman Qamar Amna Noureen Mubashir Ali

2017 13th International Conference on Natural Computation, Fuzzy Systems and Knowledge Discovery (ICNC-FSKD), res.country(48,)

Citations: N/A

DOI: 10.1109/FSKD.2017.8393009

#### Optimizing Software Project Management Staffing and Work-force Deployment Processes using Swarm

2017

##### Intelligence

Usman Qamar Mazhar Hameed Hiba Khalid Syed Khizer Abass

IEEE SAI Computing Conference, res.country(231,)

Citations: N/A

DOI: 10.1109/SAI.2017.8252084

#### Multi-Perspective Ant Colony Optimization for Mining and Understanding the Topology Oriented Big

2017

##### Data

Usman Qamar Hiba Khalid Mazhar Hameed

25th World Congress on Engineering, res.country(231,)

Citations: N/A

DOI: [https://www.researchgate.net/publication/312084261\\_Multi-Perspective\\_Ant\\_Colony\\_Optimization\\_for\\_mining\\_and\\_understanding\\_the\\_topology\\_oriented\\_Big\\_Data](https://www.researchgate.net/publication/312084261_Multi-Perspective_Ant_Colony_Optimization_for_mining_and_understanding_the_topology_oriented_Big_Data)

#### A Biomedical Ontology on Genetic Disease

2017

Usman Qamar Aamna Iqtidar Abdul Wahab Muzaffar Saad Rehman

Second International Conference on Internet of things, Data and Cloud Computing, res.country(231,)

Citations: N/A

DOI: 10.1145/3018896.3018966

#### Improving Collaborative Filtering by Selecting an Effective User Neighborhood for Recommender

2017

##### Systems

Usman Qamar Sundus Ayyaz

18th Annual International Conference on Industrial Technology, res.country(38,)

Citations: N/A

DOI: 10.1109/ICIT.2017.7915541

#### A Rough Set Based Feature Selection Approach Using Random Feature Vectors

2016

Muhammad Summair Raza Usman Qamar

2016 International Conference on Frontiers of Information Technology (FIT), res.country(177,)

Citations: N/A

DOI: 10.1109/FIT.2016.049

#### A Domain-Independent Hybrid Approach for Automatic Taxonomy Induction

2016

Usman Qamar Bushra Zafar Ayesha Imran

2016 17th International Conference on Parallel and Distributed Computing, Applications and Technologies (PDCAT), res.country(48,)

Citations: N/A

DOI: 10.1109/PDCAT.2016.085

<b>Imparting Data Knowledge in Discrete Data Volumes using Crowded Agent Approach for Multi-Perspective and Visualized Big Data</b>  <i>Hiba Khalid Usman Qamar Usman Akram</i> 2016 Future Technologies Conference (FTC) , res.country(233,) <b>Citations:</b> N/A <b>DOI:</b> 10.1109/FTC.2016.7821593	2016
<b>Imparting Data Knowledge in Discrete Data Volume using Crowded Agent Approach for Multi-Perspective and Visualized Big Data</b>  <i>Hiba Khalid Usman Qamar Usman Akram</i> 2016 Future Technologies Conference (FTC) , res.country(233,) <b>Citations:</b> N/A <b>DOI:</b> 10.1109/FTC.2016.7821593	2016
<b>Business Intelligence: Self Adapting and Prioritizing Database Algorithm for Providing Big Data Insight in Domain Knowledge and Processing of Volume based Instructions based on Scheduled and Contextual Shifting of Data</b>  <i>Mazhar Hameed Usman Qamar Usman Akram</i> 2016 Future Technologies Conference (FTC) , res.country(233,) <b>Citations:</b> N/A <b>DOI:</b> 10.1109/FTC.2016.7821749	2016
<b>HL7 FHIR Compliant Data Access Model for Maternal Health Information System</b>  <i>Saadia Ismail Majed Alshmary Usman Qamar Wasi Haider Butt Khalid Latif Hafiz Farooq Ahmad</i> IEEE 16th International Conference on Bioinformatics and Bioengineering, res.country(227,) <b>Citations:</b> N/A <b>DOI:</b> 10.1109/BIBE.2016.9	2016
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<b>Evolutionary Testing Using Particle Swarm Optimization in IOT Applications</b>  <i>Hiba Khalid Mazhar Hameed Usman Qamar</i> Proceedings of SAI Intelligent Systems Conference (IntelliSys) 2016, res.country(231,) <b>Citations:</b> N/A <b>DOI:</b> 10.1007/978-3-319-56991-8_26	2016
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<b>Automatic Topic Spotting in Biomedical Literature of Diseases using Fuzzy Logic</b>  <i>Sundus Ayyaz Usman Qamar</i> 2nd International Conference on Computer and Information Science and Technology (CIST'16) , res.country(38,) <b>Citations:</b> N/A <b>DOI:</b> <a href="https://www.researchgate.net/publication/301679681_Automatic_Topic_Spotting_in_Biomedical_Literature_of_diseases_using_Fuzzy_Logic">https://www.researchgate.net/publication/301679681_Automatic_Topic_Spotting_in_Biomedical_Literature_of_diseases_using_Fuzzy_Logic</a>	2016
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<b>Building a Core Biomedical Knowledge Base</b>	2016

<p>Andleeb Shehnaz Usman Qamar Abdul Wahab Muzaffar</p> <p>2016 IEEE Second International Conference on Big Data Computing Service and Applications (BigDataService), res.country(231,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.1109/BigDataService.2016.22</p>	
<p><b>A Hybrid Feature Selection Approach based on Heuristic and Exhaustive Algorithms using Rough Set Theory</b></p> <p>Muhammad Summair Raza Usman Qamar</p> <p>ICC '16 Proceedings of the International Conference on Internet of things and Cloud Computing, res.country(231,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.1145/2896387.2896432</p>	2016
<p><b>A Novel Hybrid Classifiers based Model for Mining in Neuro-imaging</b></p> <p>A.B.N. Alvi Usman Qamar Abdul Wahab Muzaffar Wasi Haider Butt</p> <p>International Conference on Internet of things and Cloud Computing, res.country(231,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.1145/2896387.2896398</p>	2016
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<p><b>A Framework for Evaluation of OWL Biomedical Ontologies based on Properties Coverage</b></p> <p>Samiullah Khan Usman Qamar Abdul Wahab Muzaffar</p> <p>2015 13th International Conference on Frontiers of Information Technology (FIT), res.country(177,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.1109/FIT.2015.22</p>	2015
<p><b>Rule Induction using Enhanced RIPPER Algorithm for Clinical Decision Support System</b></p> <p>Bakhtawar Seerat Usman Qamar</p> <p>2015 Sixth International Conference on Intelligent Control and Information Processing (ICICIP), res.country(48,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.1109/ICICIP.2015.7388149</p>	2015
<p><b>A Rule based Expert System for Syncope Prediction</b></p> <p>Madiha Guftar Usman Qamar</p> <p>2015 SAI Intelligent Systems Conference (IntelliSys), res.country(231,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.1109/IntelliSys.2015.7361195</p>	2015
<p><b>A Feature Reduction Framework based on Rough Set for Bio Medical Data Sets</b></p> <p>Syed Hasnain Ali Dr. Usman Qamar Madiha Guftar Abdul Wahab Muzaffar</p> <p>Intelligent Systems Conference held from 10-11 Nov 2015 in UK, res.country(231,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.1109/IntelliSys.2015.7361165</p>	2015
<p><b>A Novel Framework for Classification of Syncope Disease using k-means Clustering Algorithm</b></p> <p>Madiha Guftar Ammar Asjad Raja Syed Hasnain Ali Usman Qamar</p> <p>2015 SAI Intelligent Systems Conference (IntelliSys), res.country(231,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.1109/IntelliSys.2015.7361135</p>	2015
<p><b>Influence of Key Player Detection and Removal on Efficiency and Performance of Covert Networks using Social Network Analysis</b></p> <p>Aisha Zafar Ahmad Anam Shahjahan Wasi Haider Butt Usman Qamar</p> <p>International Conference on Recent Advances in Computer Systems , res.country(233,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.2991/racs-15.2016.1</p>	2015
<p><b>Impact Analysis on Evolution Patterns of Service Oriented System</b></p> <p>Bureera Sabir Nabila Parveen Usman Qamar Abdul Wahab Muzaffar</p> <p>International Conference on Engineering, Computing and Information Technology ICECIT 2017, res.country(157,)</p> <p><b>Citations:</b> N/A</p>	2015

DOI: <a href="https://www.researchgate.net/publication/323571956_Impact_Analysis_on_Evolution_Patterns_of_Service_Oriented_Systems">https://www.researchgate.net/publication/323571956_Impact_Analysis_on_Evolution_Patterns_of_Service_Oriented_Systems</a>	
<b>Predicting Patient Drop off by Mining Hospital Data</b>	2015
<i>Saira Seemab Dr.Usman Qamar</i>	
<i>International Conference on artificial intelligence and computer science 2015 (AICS 2015), res.country(157,)</i>	
<b>Citations:</b> N/A	
DOI: <a href="https://www.researchgate.net/publication/282123829_Predicting_Patient_Drop_Off_by_Mining_Hospital_Data">https://www.researchgate.net/publication/282123829_Predicting_Patient_Drop_Off_by_Mining_Hospital_Data</a>	
<b>Analyzing Different Validation and Verification Techniques for Safety Critical Software Systems</b>	2015
<i>Waqas Ahmad Usman Qamar Shoaib Hassan</i>	
<i>2015 6th IEEE International Conference on Software Engineering and Service Science (ICSESS), res.country(48,)</i>	
<b>Citations:</b> N/A	
DOI: 10.1109/ICSESS.2015.7339076	
<b>Data Flow based Test Case Generation Algorithm for Object Oriented Integration Testing</b>	2015
<i>Shahzada Zeeshan Waheed Usman Qamar</i>	
<i>2015 6th IEEE International Conference on Software Engineering and Service Science (ICSESS), res.country(48,)</i>	
<b>Citations:</b> N/A	
DOI: 10.1109/ICSESS.2015.7339088	
<b>Automatic Performance Analysis of Cloud based Load Testing of Web-Application &amp; Its Comparison with Traditional Load Testing</b>	2015
<i>M.Arslan Usman Qamar Shoaib Hassan Sara Ayub</i>	
<i>2015 6th IEEE International Conference on Software Engineering and Service Science (ICSESS), res.country(48,)</i>	
<b>Citations:</b> N/A	
DOI: 10.1109/ICSESS.2015.7339023	
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<i>Shoaib Hassan Usman Qamar Muhammad Arslan Idris</i>	
<i>6th International Conference on Software Engineering and Service Science held from 23-25 Sep 2015 in China res.country(48,)</i>	
<b>Citations:</b> N/A	
DOI: 10.1109/ICSESS.2015.7339074	
<b>Software Reverse Engineering to Requirement Engineering for Evolution of Legacy System</b>	2015
<i>Shoaib Hassan Usman Qamar Taimoor Hassan Muhammad Waqas</i>	
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<b>Citations:</b> N/A	
DOI: 10.1109/ICITCS.2015.7293021	
<b>Towards Service Evaluation and Ranking Model for Cloud Infrastructure Selection</b>	2015
<i>Muhammad Zubair Khan Usman Qamar</i>	
<i>2015 IEEE 12th Intl Conf on Ubiquitous Intelligence and Computing , res.country(48,)</i>	
<b>Citations:</b> N/A	
DOI: 10.1109/UIC-ATC-ScalCom-CBDCCom-IoP.2015.232	
<b>Signature Automation of UMLS Concepts: An Un-Supervised Named Entity Recognition Framework for Classification of DNA and RNA in Biological Text</b>	2015
<i>Usman Qamar Muhammad Ashraf Khan Niazi Abdul Wahab Muzaffar Muhammad Latif</i>	
<i>2015 Science and Information Conference (SAI) , res.country(231,)</i>	
<b>Citations:</b> N/A	
DOI: 10.1109/SAI.2015.7237223	
<b>A Hybrid Approach to Extract and Classify Relation from Biomedical Text</b>	2015
<i>Abdul Wahab Muzaffar Farooque Azam Usman Qamar Shumyla Rasheed Mir Muhammad Latif</i>	
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DOI: <a href="https://www.researchgate.net/publication/276271142_A_Hybrid_Approach_to_Extract_and_Classify_Relation_from_Biomedical_Text">https://www.researchgate.net/publication/276271142_A_Hybrid_Approach_to_Extract_and_Classify_Relation_from_Biomedical_Text</a>	
<b>Improved Single-Label Text Categorization by Instance Filtration</b>	2015
<i>Kashif Ullah Khan Usman Qamar</i>	
<i>2015 Ninth International Conference on Complex, Intelligent, and Software Intensive Systems, res.country(31,)</i>	
<b>Citations:</b> N/A	
DOI: 10.1109/CISIS.2015.10	
<b>Rule Based Inference Engine to Forecast the Prevalence of Congenital Malformations in Live Births</b>	2015
<i>Fareeha Choudhry Usman Qamar Madeeha Chaudhry</i>	

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<p><b>Content-Specific Unigrams and Syntactic Phrases to Enhance SentiWordNet based Sentiment Classification</b></p> <p><i>Muhammad Latif Usman Qamar Abdul Wahab Muzaffar</i></p> <p>7th International Conference on Machine Learning and Computing ICMLC 2015, res.country(109,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.7763/IJMLC.2015.V5.525</p>	2015
<p><b>Flexibility and Privacy Control By Cookie Management..</b></p> <p><i>Faryal Nosheen Usman Qamar</i></p> <p>2015 Third International Conference on Digital Information, Networking, and Wireless Communications (DINWC), res.country(190,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.1109/DINWC.2015.7054224</p>	2015
<p><b>Flexibility and Privacy Control by Cookie Management</b></p> <p><i>Faryal Nosheen Usman Qamar</i></p> <p>2015 Third International Conference on Digital Information, Networking, and Wireless Communications (DINWC), res.country(190,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.1109/DINWC.2015.7054224</p>	2015
<p><b>Impact Minimization of Requirements Change in Software Project through Requirements Classification</b></p> <p><i>Zahoor Ahmad Musarrat Hussain Abdur Rehman Dr. Usman Qamar Muhammad Afzal</i></p> <p>9th Annual International Conference on Ubiquitous Information Management and Communication (IMCOM 2015), res.country(100,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.1145/2701126.2701174</p>	2015
<p><b>Impact minimization of requirements change in software project through requirements classification</b></p> <p><i>Zahoor Ahmad Musarrat Hussain Abdur Rehman Dr. Usman Qamar Muhammad Afzal</i></p> <p>9th International Conference on Ubiquitous Information Management and Communication, res.country(100,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.1145/2701126.2701174</p>	2015
<p><b>Attack Type Prediction Using Hybrid Classifier</b></p> <p><i>Sobia Shafiq Wasi Haider Butt Usman Qamar</i></p> <p>10th International Conference on Advanced Data Mining and Applications, res.country(48,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.1007/978-3-319-14717-8_38</p>	2014
<p><b>Optic Disc Segmentation from Colored Retinal Images using Vessel Density</b></p> <p><i>Aniqa Azam Muhammad Usman Akram Usman Qamar</i></p> <p>2014 12th International Conference on Frontiers of Information Technology, res.country(177,)</p> <p><b>Citations:</b> N/A</p> <p><b>DOI:</b> 10.1109/FIT.2014.65</p>	2014
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