

Imran Memon

List of Publications by Year in descending order

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Version: 2024-02-01

107
papers

2,878
citations

165694

29
h-index

206021

48
g-index

118
all docs

118
docs citations

118
times ranked

4490
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Stable isotope constraints on Holocene carbon cycle changes from an Antarctic ice core. <i>Nature</i> , 2009, 461, 507-510. | 36.2 | 206 |
| 2 | Travel Recommendation Using Geo-tagged Photos in Social Media for Tourist. <i>Wireless Personal Communications</i> , 2015, 80, 1347-1362. | 2.8 | 155 |
| 3 | Genome-wide association meta-analyses and fine-mapping elucidate pathways influencing albuminuria. <i>Nature Communications</i> , 2019, 10, 4130. | 13.2 | 154 |
| 4 | Feature Selection Based on L1-Norm Support Vector Machine and Effective Recognition System for Parkinson's Disease Using Voice Recordings. <i>IEEE Access</i> , 2019, 7, 37718-37734. | 4.4 | 126 |
| 5 | Enhanced Privacy and Authentication: An Efficient and Secure Anonymous Communication for Location Based Service Using Asymmetric Cryptography Scheme. <i>Wireless Personal Communications</i> , 2015, 84, 1487-1508. | 2.8 | 102 |
| 6 | Intelligent Machine Learning Approach for Effective Recognition of Diabetes in E-Healthcare Using Clinical Data. <i>Sensors</i> , 2020, 20, 2649. | 4.0 | 95 |
| 7 | Sudden death and sleeping history among Finnish men. <i>Journal of Internal Medicine</i> , 1991, 229, 23-28. | 6.2 | 85 |
| 8 | GEO matching regions: multiple regions of interests using content based image retrieval based on relative locations. <i>Multimedia Tools and Applications</i> , 2017, 76, 15377-15411. | 4.2 | 68 |
| 9 | Pseudonym changing strategy with multiple mix zones for trajectory privacy protection in road networks. <i>International Journal of Communication Systems</i> , 2018, 31, e3437. | 2.5 | 68 |
| 10 | An Integrated Tool to Study MHC Region: Accurate SNV Detection and HLA Genes Typing in Human MHC Region Using Targeted High-Throughput Sequencing. <i>PLoS ONE</i> , 2013, 8, e69388. | 2.5 | 65 |
| 11 | Breast Cancer Detection in the IOT Health Environment Using Modified Recursive Feature Selection. <i>Wireless Communications and Mobile Computing</i> , 2019, 2019, 1-19. | 1.4 | 65 |
| 12 | Authentication User's Privacy: An Integrating Location Privacy Protection Algorithm for Secure Moving Objects in Location Based Services. <i>Wireless Personal Communications</i> , 2015, 82, 1585-1600. | 2.8 | 63 |
| 13 | Architecture of Hybrid Mobile Social Networks for Efficient Content Delivery. <i>Wireless Personal Communications</i> , 2015, 80, 85-96. | 2.8 | 58 |
| 14 | A Novel Resource Oriented DMA Framework for Internet of Medical Things Devices in 5G Network. <i>IEEE Transactions on Industrial Informatics</i> , 2022, 18, 8895-8904. | 12.1 | 58 |
| 15 | A Secure and Efficient Communication Scheme with Authenticated Key Establishment Protocol for Road Networks. <i>Wireless Personal Communications</i> , 2015, 85, 1167-1191. | 2.8 | 57 |
| 16 | DPMM: dynamic pseudonym-based multiple mix-zones generation for mobile traveler. <i>Multimedia Tools and Applications</i> , 2017, 76, 24359-24388. | 4.2 | 56 |
| 17 | Location monitoring approach: multiple mix-zones with location privacy protection based on traffic flow over road networks. <i>Multimedia Tools and Applications</i> , 2018, 77, 5563-5607. | 4.2 | 53 |
| 18 | Spam Review Detection Using the Linguistic and Spammer Behavioral Methods. <i>IEEE Access</i> , 2020, 8, 53801-53816. | 4.4 | 49 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Unlubricated sliding friction and wear characteristics of thermally oxidized commercially pure titanium. <i>Wear</i> , 2013, 308, 61-70. | 3.2 | 48 |
| 20 | PPSO: A Privacy-Preserving Service Outsourcing Scheme for Real-Time Pricing Demand Response in Smart Grid. <i>IEEE Internet of Things Journal</i> , 2019, 6, 2486-2496. | 9.3 | 48 |
| 21 | Clustering Based Energy Efficient and Communication Protocol for Multiple Mix-Zones Over Road Networks. <i>Wireless Personal Communications</i> , 2017, 95, 411-428. | 2.8 | 46 |
| 22 | Privacy Preserving Dynamic Pseudonym-Based Multiple Mix-Zones Authentication Protocol over Road Networks. <i>Wireless Personal Communications</i> , 2017, 95, 505-521. | 2.8 | 46 |
| 23 | Dynamic path privacy protection framework for continuous query service over road networks. <i>World Wide Web</i> , 2017, 20, 639-672. | 3.9 | 45 |
| 24 | Search me if you can: Multiple mix zones with location privacy protection for mapping services. <i>International Journal of Communication Systems</i> , 2017, 30, e3312. | 2.5 | 42 |
| 25 | Design and Implementation to Authentication over a GSM System Using Certificate-Less Public Key Cryptography (CL-PKC). <i>Wireless Personal Communications</i> , 2014, 79, 661-686. | 2.8 | 38 |
| 26 | Efficient User Based Authentication Protocol for Location Based Services Discovery Over Road Networks. <i>Wireless Personal Communications</i> , 2017, 95, 3713-3732. | 2.8 | 37 |
| 27 | A Novel HGBBDSA-CTI Approach for Subcarrier Allocation in Heterogeneous Network. <i>Telecommunication Systems</i> , 2019, 70, 245-262. | 2.6 | 36 |
| 28 | Heart Disease Prediction System Using Model Of Machine Learning and Sequential Backward Selection Algorithm for Features Selection. , 2019, , . | | 36 |
| 29 | Protect Mobile Travelers Information in Sensitive Region Based on Fuzzy Logic in IoT Technology. <i>Security and Communication Networks</i> , 2020, 2020, 1-12. | 1.7 | 36 |
| 30 | Intelligent travel information platform based on location base services to predict user travel behavior from user-generated GPS traces. <i>International Journal of Computers and Applications</i> , 2017, 39, 155-168. | 1.3 | 33 |
| 31 | A smart approach for fire prediction under uncertain conditions using machine learning. <i>Multimedia Tools and Applications</i> , 2020, 79, 28155-28168. | 4.2 | 30 |
| 32 | Multiple mix zones de-correlation trajectory privacy model for road network. <i>Telecommunication Systems</i> , 2019, 70, 557-582. | 2.6 | 28 |
| 33 | Velocity similarity anonymization for continuous query Location based services. , 2013, , . | | 27 |
| 34 | Dimension Reduction of Channel Correlation Matrix Using CUR-Decomposition Technique for 3-D Massive Antenna System. <i>IEEE Access</i> , 2018, 6, 3031-3039. | 4.4 | 25 |
| 35 | Fuzzy Logic Power Management Strategy for a Residential DC-Microgrid. <i>IEEE Access</i> , 2020, 8, 116733-116743. | 4.4 | 25 |
| 36 | Privacy protection with dynamic pseudonym-based multiple mix-zones over road networks. <i>China Communications</i> , 2017, 14, 89-100. | 3.4 | 24 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 37 | Preserving users' privacy for continuous query services in road networks. , 2013, , . | | 23 |
| 38 | Distance and clusteringâ€based energyâ€efficient pseudonyms changing strategy over road network. International Journal of Communication Systems, 2018, 31, e3704. | 2.5 | 23 |
| 39 | Joint Crypto-Stego Scheme for Enhanced Image Protection With Nearest-Centroid Clustering. IEEE Access, 2018, 6, 16189-16206. | 4.4 | 21 |
| 40 | Numerical Modelling of Cutting Forces in Gear Skiving. Procedia CIRP, 2019, 82, 455-460. | 2.0 | 21 |
| 41 | MU-MIMO Downlink Capacity Analysis and Optimum Code Weight Vector Design for 5G Big Data Massive Antenna Millimeter Wave Communication. Wireless Communications and Mobile Computing, 2018, 2018, 1-12. | 1.4 | 20 |
| 42 | Systematic Review of Sleep Quality Before and After Arthroscopic Rotator Cuff Repair: Are Improvements Experienced and Maintained?. Orthopaedic Journal of Sports Medicine, 2020, 8, 232596712096922. | 2.2 | 20 |
| 43 | Content based image retrieval based on geo-location driven image tagging on the social web. , 2014, , . | | 19 |
| 44 | Comparative Analysis of the Classification Performance of Machine Learning Classifiers and Deep Neural Network Classifier for Prediction of Parkinson Disease. , 2018, , . | | 19 |
| 45 | Pseudonym Changing Strategy with Mix Zones Based Authentication Protocol for Location Privacy in Road Networks. Wireless Personal Communications, 2021, 116, 3309-3329. | 2.8 | 18 |
| 46 | Map Services Based on Multiple Mix-zones with Location Privacy Protection over Road Network. Wireless Personal Communications, 2017, 97, 2617-2632. | 2.8 | 17 |
| 47 | Spectral Efficiency Maximization for Deliberate Clipping-Based Multicarrier Faster-Than-Nyquist Signaling. IEEE Access, 2018, 6, 13617-13623. | 4.4 | 17 |
| 48 | Efficient object identification and multiple regions of interest using CBIR based on relative locations and matching regions. , 2015, , . | | 16 |
| 49 | The incidence of contrast medium-induced nephropathy following endovascular aortic aneurysm repair: assessment of risk factors. Japanese Journal of Radiology, 2015, 33, 253-259. | 2.5 | 16 |
| 50 | Identifying the Predictive Capability of Machine Learning Classifiers for Designing Heart Disease Detection System. , 2019, , . | | 16 |
| 51 | Multimodal Algorithms for the Classification of Circulation States During Out-of-Hospital Cardiac Arrest. IEEE Transactions on Biomedical Engineering, 2021, 68, 1913-1922. | 4.4 | 16 |
| 52 | Chelicerate Cuticle Structure. , 1987, , 3-15. | | 15 |
| 53 | An efficient construction of key-dependent substitution box based on chaotic sine map. International Journal of Distributed Sensor Networks, 2019, 15, 155014771989595. | 2.4 | 15 |
| 54 | A Survey on Location Privacy Attacks and Prevention Deployed with IoT in Vehicular Networks. Wireless Communications and Mobile Computing, 2022, 2022, 1-15. | 1.4 | 15 |

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|----|---|-----|-----------|
| 55 | First Observation of a Baryonic Λ Dark Matter Halo. Physical Review Letters, 2017, 119, 041802. | 3.0 | 14 |
| 56 | MADPTM: Mix zones and dynamic pseudonym trust management system for location privacy. International Journal of Communication Systems, 2018, 31, e3795. | 2.5 | 14 |
| 57 | Asymmetric Fission Transmission of Linear-to-Circular Polarization Converter Using Bi-layer Split Ring Structure. Wireless Personal Communications, 2018, 99, 985-997. | 2.8 | 13 |
| 58 | Dual-band asymmetric circular polariser based on fission transmission of linearly polarised wave. IET Microwaves, Antennas and Propagation, 2018, 12, 1414-1419. | 1.4 | 13 |
| 59 | Unsupervised feature approach for content based image retrieval using principal component analysis. , 2014, , . | | 11 |
| 60 | Content distribution and protocol design issue for mobile social networks: a survey. Eurasip Journal on Wireless Communications and Networking, 2019, 2019, . | 2.6 | 11 |
| 61 | Lightweight Trust Model with Machine Learning scheme for secure privacy in VANET. Procedia Computer Science, 2021, 194, 45-59. | 2.1 | 11 |
| 62 | Circadian rhythm and the influence of physical activity on circulating surfactant protein D in early and long-standing rheumatoid arthritis. Rheumatology International, 2011, 31, 1617-1623. | 3.2 | 10 |
| 63 | Modeling the spreading behavior of passive worms in mobile social networks. , 2013, , . | | 10 |
| 64 | Contemporary integration of content based image retrieval. , 2014, , . | | 10 |
| 65 | Rumor Riding: An Anonymity Approach for Decentralized Peer to Peer Systems. Wireless Personal Communications, 2014, 79, 647-660. | 2.8 | 10 |
| 66 | Biomedical image processing and analysis using Markov Random Fields. , 2015, , . | | 10 |
| 67 | Novel colloidal associations of soyasaponins and lipid components (DPPC, cholesterol) as potential adjuvants for vaccines. Vaccine, 2019, 37, 4975-4986. | 4.0 | 10 |
| 68 | Application of the decomposition-prediction-reconstruction framework to medium- and long-term runoff forecasting. Water Science and Technology: Water Supply, 2021, 21, 696-709. | 2.1 | 10 |
| 69 | Impact of Energy Consumption, Economic Growth, and FDI through Environmental Kuznets Curve: Perspective from Belt and Road Initiative and Pakistan. Mathematical Problems in Engineering, 2022, 2022, 1-19. | 1.2 | 9 |
| 70 | A contemporary approach for object recognition based on spatial layout and low level featuresâ€™ integration. Multimedia Tools and Applications, 0, , 1. | 4.2 | 8 |
| 71 | A secure and enhanced elliptic curve cryptographyâ€™based dynamic authentication scheme using smart card. International Journal of Communication Systems, 2018, 31, e3701. | 2.5 | 8 |
| 72 | Chinese-Based Spearcons: Improving Pedestrian Navigation Performance in Eyes-Free Environment. International Journal of Human-Computer Interaction, 2016, 32, 460-469. | 5.0 | 7 |

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|----|---|-----|-----------|
| 73 | IMRBS: image matching for location determination through a region-based similarity technique for CBIR. International Journal of Computers and Applications, 2018, , 1-14. | 1.3 | 7 |
| 74 | A New Approach for Enhancing the Services of the 5G Mobile Network and IOT-Related Communication Devices Using Wavelet-OFDM and Its Applications in Healthcare. Scientific Programming, 2020, 2020, 1-13. | 0.8 | 7 |
| 75 | Improvement of content delivery in Mobile Social Networks. , 2013, , . | | 6 |
| 76 | Protein recognition by cucurbit[6]uril: high affinity N-terminal complexation. Organic and Biomolecular Chemistry, 2021, 19, 837-844. | 2.9 | 6 |
| 77 | Early Detection of Covid-19 Disease using Computed Tomography Images and Optimized CNN-LSTM. , 2020, , . | | 6 |
| 78 | ICU and Hospital Outcomes in Patients with Hepatopulmonary Syndrome Undergoing Liver Transplantation. Lung, 2022, 200, 5-10. | 2.6 | 6 |
| 79 | Implementation of secure AODV in MANET. Proceedings of SPIE, 2013, , . | 1.0 | 5 |
| 80 | Multiband Circular Polarizer Based on Fission Transmission of Linearly Polarized Wave for X-Band Applications. Journal of Electrical and Computer Engineering, 2016, 2016, 1-8. | 1.0 | 5 |
| 81 | Minimizing Energy Expenditures using Genetic Algorithm for Scalability and Longevity of Multi hop Sensor Networks. , 2019, , . | | 5 |
| 82 | Triangular Antenna with Novel Techniques for RCS Reduction Applications. Lecture Notes in Electrical Engineering, 2016, , 775-782. | 0.0 | 4 |
| 83 | Smart Intelligent System for Mobile Travelers Based on Fuzzy Logic in IoT Communication Technology. Communications in Computer and Information Science, 2020, , 22-31. | 0.0 | 4 |
| 84 | Vertical vibration control using nonlinear energy sink with inertial amplifier. Applied Mathematics and Mechanics (English Edition), 2023, 44, 1721-1738. | 3.6 | 4 |
| 85 | Inchoative integration of content based image retrieval: Shodhani. , 2014, , . | | 3 |
| 86 | Analysis of Arduino Uno Application on Control System Based on Industrial Scale. IOP Conference Series: Materials Science and Engineering, 2020, 771, 012015. | 0.6 | 3 |
| 87 | A Novel Technique for Region-Based Features Similarity for Content-Based Image Retrieval. Mehran University Research Journal of Engineering and Technology, 2018, 37, 383-396. | 0.6 | 3 |
| 88 | Architecture for efficient content distribution in hybrid mobile social networks. WIT Transactions on Engineering Sciences, 2014, , . | 0.0 | 3 |
| 89 | Multi-Sonar Distributed Fusion for Target Detection and Tracking in Marine Environment. Sensors, 2022, 22, 3335. | 4.0 | 3 |
| 90 | Modified Smoothing Algorithm for Tracking Multiple Maneuvering Targets in Clutter. Sensors, 2022, 22, 4759. | 4.0 | 3 |

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|-----|---|-----|-----------|
| 91 | Domain adaptation of image classification exploiting target adaptive collaborative local-neighbor representation. , 2016, , . | | 2 |
| 92 | Novel Design and Performance Analysis of Broadband Dual Layer Circular Polarizer Based on Frequency Selective Surface for 60 GHZ Application. Lecture Notes in Electrical Engineering, 2016, , 319-325. | 0.0 | 2 |
| 93 | Multi-band circular polariser based on periodic metallic strip array. International Journal of Engineering Systems Modelling and Simulation, 2017, 9, 143. | 0.3 | 2 |
| 94 | Smart Learning System Architecture and Its Services for Effective Learning. , 2018, , . | | 2 |
| 95 | Identification of Human & various objects through Image Processing based system. , 2020, , . | | 2 |
| 96 | Concepts, Analysis, Issues of smartphone and Smart devices: A survey. , 2020, , . | | 2 |
| 97 | Capitalising on UNSCR 1325: The Construction of Best Practices for the Women, Peace and Security Agenda. Journal of Intervention and Statebuilding, 2022, 16, 123-141. | 1.6 | 2 |
| 98 | Localization in images matching through region-based similarity technique for content-based image retrieval. , 2016, , . | | 1 |
| 99 | Prototype of Smart Trainable Robotic Arm. , 2019, , . | | 1 |
| 100 | Clinical Anesthesia for PDA.. Anesthesiology, 2003, 99, 765-766. | 2.7 | 0 |
| 101 | Reply to Juberg: Using the biologically based dose response to compare exposures across species. Proceedings of the National Academy of Sciences of the United States of America, 2012, 109, E2196-E2196. | 7.6 | 0 |
| 102 | Observation of racial differences in the use of physical restraint: Response to Taylor et al. commentary "Premature conclusions". Academic Emergency Medicine, 2020, 27, 1372-1372. | 1.9 | 0 |
| 103 | Multi-band circular polariser based on periodic metallic strip array. International Journal of Engineering Systems Modelling and Simulation, 2017, 9, 143. | 0.3 | 0 |
| 104 | Single-layer Linear-to-Circular Polarization Transformer Based on Periodic Strips Array. DEStech Transactions on Engineering and Technology Research, 2017, , . | 0.0 | 0 |
| 105 | Cloud Internet of Things in Medical and Smart Healthcare Applications. EAI/Springer Innovations in Communication and Computing, 2022, , 89-105. | 0.0 | 0 |
| 106 | PUB-VEN: a personalized recommendation system for suggesting publication venues. Multimedia Tools and Applications, 2024, 83, 42103-42124. | 4.2 | 0 |
| 107 | Editorial: Insights in brain imaging methods: 2023. Frontiers in Neuroscience, 0, 18, . | 2.9 | 0 |