## **Muhammad Zeeshan**

### Associate Professor

School of Electrical Engineering and Computer Science

Email: muhammad.zeeshan@seecs.edu.pk

Contact: 0514914952

LinkedIn: https://www.linkedin.com/in/zeeshanbhatti/



2009 - 2016

## **About**

Dr. Muhammad Zeeshan is working as Associate Professor in the School of Electrical Engineering and Computer Science. Dr. Muhammad Zeeshan has a PhD in Information Technology. Dr. Muhammad Zeeshan has published 32 research articles & conference papers having a citation count of 580, carried out 6 projects and filed 0 intellectual property.

#### Qualifications

PhD in Information Technology

HEC Indigenous PhD Fellowship

| NUST, Islamabad , Pakistan  |               |
|---|---------------|
| MS in Computer Engineerig UET Taxila , Pakistan   | 2007 - 2009   |
| B.Sc (Hon) in Computer Science  | 2001 - 2005   |
| Allama Iqbal Open University , Pakistan   |               |
| Experience  |               |
| Associate Professor   | 2022- Present |
| School of Electrical Engineering and Computer Science   |               |
| Assistant Professor   | 2016 - 2022   |
| School of Electrical Engineering and Computer Science   |               |
| Assistant Professor   | 2013 - 2016   |
| Iqra University Islamabad Campus , Sector H9, Islamabad   |               |
| Project Manager   | 2010 - 2011   |
| School of Electrical Engineering and Computer Science (SEECS) , Sector H12, Islamabad                                     |               |
| Senior Design Engineer  | 2009 - 2010   |
| Center of Research in Networks and Telecommunications (CoReNeT), Capital University of Sciences and Technology, Islamabad |               |
| Software Design Engineer  | 2008 - 2009   |
| Center of Research in Networks and Telecommunications (CoReNeT), Capital University of Sciences and Technology, Islamabad |               |
| Scientific Assistant-Computer   | 2003 - 2006   |
| Chemical Plants Complex, PAEC , Chemical Plants Complex, PAEC, DGKhan   |               |
| TUGT Computer Teacher   | 2002 - 2003   |
| PAEC Inter Science College DGKhan, CPC Colony Dera Ghazi Khan   |               |
| Awards  |               |
| HEC Indigenous PhD Fellow   | 2007          |

# **Industry Projects**

Multimedia Tools and Applications, Pages 1-29

| Consultancy Service with DEXTROUR SYSTEMS (PVT) Limited Rawalpindi (for Valyrian Systems Inc. USA) - Dr Muhammad Zeeshan Client: DEXTROUR SYSTEMS (PVT) Limited Rawalpindi (for Valyrian Systems Inc. USA) Amount: PKR 1,000,000.00 Status: Approved_inprocess   | 2024         |
|--|--------------|
| Dr. Muhammad Zeeshan consultancy with VALYRIAN SYSTEMS PVT LTD  Client: VALYRIAN SYSTEMS PVT LTD Lahore (for VALYRIAN SYSTEMS Inc USA)  Amount: PKR 3,000,000.00  Status: Approved_inprocess   | 2023         |
| Dr. Muhammad Zeeshan consultancy with VALYRIAN SYSTEMS PVT LTD  Client: VALYRIAN SYSTEMS PVT LTD Lahore (for VALYRIAN SYSTEMS Inc USA)  Amount: PKR 2,000,000.00  Status: Approved_inprocess   | 2023         |
| Consultancy Service with INFOTECH PRIVATE LIMITED - Dr. Muhammad Zeeshan Client: VALYRIAN SYSTEMS PVT LTD Lahore (for VALYRIAN SYSTEMS Inc USA) Amount: PKR 2,250,000.00 Status: Approved_inprocess  | 2022         |
| (Revised) Consultancy Service with INFOTECH PRIVATE LIMITED - Dr. Muhammad Zeeshan Client: INFOTECH PRIVATE LIMITED Amount: PKR 386,598.00 Status: Approved_inprocess  | 2022         |
| Consultancy Service with INFOTECH PRIVATE LIMITED - Dr. Muhammad Zeeshan  Client: INFOTECH PRIVATE LIMITED  Amount: PKR 750,000.00  Status: Approved_inprocess  International Projects  Research Articles  | 2022         |
|  |              |
| Towards Effective Parkinson's Monitoring: Movement Disorder Detection and Symptom Identification Using Wearable Inertial Sensors  Umar Khan Qaiser Riaz Mehdi Hussain Muhammad Zeeshan Björn Krüger  Algorithms, Volume 18(4), Article Number 203  Impact Factor: 1.800   Quartile: 2  DOI: https://doi.org/10.3390/a18040203  | 2025         |
| Using Wearable Inertial Sensors  Umar Khan Qaiser Riaz Mehdi Hussain Muhammad Zeeshan Björn Krüger  Algorithms, Volume 18(4), Article Number 203  Impact Factor: 1.800   Quartile: 2   | 2025<br>2025 |
| Using Wearable Inertial Sensors  Umar Khan Qaiser Riaz Mehdi Hussain Muhammad Zeeshan Björn Krüger  Algorithms, Volume 18(4), Article Number 203  Impact Factor: 1.800   Quartile: 2  DOI: https://doi.org/10.3390/a18040203  Intelligent parameter-based in-network IDS for IoT using UNSW-NB15 and BoT-IoT datasets  Muhammad Luqman Qaiser Riaz Mehdi Hussain Hasan Tahir Muhammad Zeeshan Noman Mazhar Muhammad Saffeer Khan Journal of the Franklin Institute, Volume 362, Issue 1, Article Number 107440  Impact Factor: 3.700   Quartile: 1   Citations: 4  |              |
| Using Wearable Inertial Sensors  Umar Khan Qaiser Riaz Mehdi Hussain Muhammad Zeeshan Björn Krüger  Algorithms, Volume 18(4), Article Number 203  Impact Factor: 1.800   Quartile: 2  DOI: https://doi.org/10.3390/a18040203  Intelligent parameter-based in-network IDS for IoT using UNSW-NB15 and BoT-IoT datasets  Muhammad Luqman Qaiser Riaz Mehdi Hussain Hasan Tahir Muhammad Zeeshan Noman Mazhar Muhammad Saffeer Khan Journal of the Franklin Institute, Volume 362, Issue 1, Article Number 107440  Impact Factor: 3.700   Quartile: 1   Citations: 4  DOI: https://doi.org/10.1016/j.jfranklin.2024.107440  Forensic analysis of web browsers lifecycle: A case study  Ahmed Raza Mehdi Hussain Hasan Tahir Muhammad Zeeshan Muhammad Adil Raja Ki-Hyun Jung  Journal of Information Security and Applications, Volume 85, Article Number 103839  Impact Factor: 3.800   Quartile: 2   Citations: 3 | 2025         |

| DOI: 10.1007/s11042-023-15434-6  |      |
|--|------|
| Machines Perceive Emotions: Identifying Affective States from Human Gait Using On-Body Smart Devices   | 2023 |
| Hamza Ali Imran Qaiser Riaz Muhammad Zeeshan Mehdi Hussain Razi Arshad   |      |
| Applied Sciences , Volume 13, Issue 8, 4828  |      |
| Impact Factor: 2.7   Quartile: 2   Citations: 4  DOI: 10.3390/app13084728  |      |
| R-IDPS: Real Time SDN Based IDPS System for IoT Security   | 2022 |
| Noman Mazhar Rosli Saleh Reza Zaba Muhammad Zeeshan Muzaffar Hameed Nauman Khan  |      |
| CMC-Computers, Materials & Continua, Volume 73, No.2, Pages 3099-3118  |      |
| Impact Factor: 3.1   Quartile: 3   Citations: 2  |      |
| <b>DOI:</b> 10.32604/cmc.2022.028285   |      |
| Protocol-Based Deep Intrusion Detection for DoS and DDoS Attacks Using UNSW-NB15 and Bot-IoT Data-Sets   | 2022 |
| Muhammad Zeeshan Qaiser Riaz Muhammad Ahmad Bilal Muhammad Khuram Shahzad Hajira Jabeen Syed Ali Haider Azizur Rahim                                   |      |
| IEEE Access, Volume 10, Pages 2269-2283  |      |
| Impact Factor: 3.367   Quartile: 2   Citations: 137  |      |
| <b>DOI:</b> 10.1109/ACCESS.2021.3137201  |      |
| A dual model node based optimization algorithm for simultaneous escape routing in PCBs   | 2021 |
| Asad Ali Anjum Naveed Muhammad Zeeshan   |      |
| Peer J Computer Science, Volume 7, Article Number e499   |      |
| Impact Factor: 2.411   Quartile: 2   Citations: 1  |      |
| <b>DOI:</b> https://doi.org/10.7717/peerj-cs.499   |      |
| Role of Device Identification and Manufacturer Usage Description in IoT Security: A Survey   | 2021 |
| Noman Mazhar Rosli Salleh Muhammad Zeeshan M. Muzaffar Hameed  |      |
| IEEE Access, Volume 9, Pages 41757-41786   |      |
| Impact Factor: 3.476   Quartile: 2   Citations: 30  DOI: 10.1109/ACCESS.2021.3065123   |      |
| Towards improved clustering and routing protocol for wireless sensor networks  | 2021 |
| Mohammad Ali Alharbi Mario Kolberg Muhammad Zeeshan  |      |
| EURASIP Journal on Wireless Communications and Networking, Volume 2021, Article Number 46  |      |
| Impact Factor: 2.559   Quartile: 3   Citations: 44   |      |
| <b>DOI:</b> https://doi.org/10.1186/s13638-021-01911-9   |      |
| Intrusion detection in internet of things using supervised machine learning based on application and transport layer features using UNSW-NB15 data-set | 2021 |
| Muhammad Ahmad Muhammad Zeeshan Syed Ali Haider Muhammad Safeer Khan Hasan Tahir Qaiser Riaz   |      |
| EURASIP Journal on Wireless Communications and Networking, Volume 2021, Article Number 10  |      |
| Impact Factor: 2.559   Quartile: 3   Citations: 110  |      |
| <b>DOI:</b> https://doi.org/10.1186/s13638-021-01893-8   |      |
| SDN based Intrusion Detection and Prevention Systems using Manufacturer Usage Description: A Survey  | 2020 |
| Noman Mazhar Rosli Salleh Mohammad Asif Hossain Muhammad Zeeshan   |      |
| International Journal of Advanced Computer Science and Applications, Volume 11, Issue 12, Pages 717-737  |      |
| Impact Factor: 0   Citations: 11   |      |
| <b>DOI:</b> 10.14569/IJACSA.2020.0111283   |      |
| Motion Reveal Emotions: Identifying Emotions from Human Walk Using Chest Mounted Smartphone  | 2020 |
| Muhammad Zeeshan Muhammad Arslan Hashmi Qaiser Riaz Muhammad Shahzad Muhammad Moazam Fraz  |      |
| IEEE Sensors Journal, Volume 20, Issue 22, Pages 13511-13522   |      |
| Impact Factor: 3.301   Quartile: 2   Citations: 34  DOI: 10.1109/JSEN.2020.3004399   |      |
| Performance Impact of Relay Selection in WiMAX IEEE 802.16j Multi-hop Relay Networks   | 2019 |
| Noman Mazhar Muhammad Zeeshan Anjum Naveed   |      |
| International Journal of Advanced Computer Science and Applications (LIACSA), Volume 10, No. 9, Pages 383-391  |      |

Impact Factor: 0 | Citations: 3

| Circular Calibration of Depth Extraction in Stereo Configuration  Zulfiqar Ibrahim Zulfiqar Ali Bangash Muhammad Zeeshan  International Journal of Advanced Computer Science and Applications (IJACSA), NULL  Impact Factor: 0   Citations: 2  DOI: 10.14569/IJACSA.2018.090336  | 2018 |
|--|------|
| Mobility based Net Ordering for Simultaneous Escape Routing  Kashif Sattar Anjum Naveed Aleksandar Ignjatovic Muhammad Zeeshan  International Journal of Advanced Computer Science and Applications, Volume 8, Issue 7, Pages 452-461  Impact Factor: 0  DOI: http://dx.doi.org/10.14569/IJACSA.2017.080762  | 2017 |
| Medium access behavior analysis of two-flow topologies in IEEE 802.11 wireless networks  Muhammad Zeeshan Anjum Naveed  EURASIP Journal on Wireless Communications and Networking, Article Number 42  Impact Factor: 1.529   Quartile: 3   Citations: 6  DOI: 10.1186/s13638-016-0535-2  | 2016 |
| Modeling packet loss probability and busy time in multi-hop wireless networks  Asad Ali Anjum Naveed Alex X. Liu Ann Wang Hassaan Khaliq Qureshi Muhammad Zeeshan  EURASIP Journal on Wireless Communications and Networking, Pages: 1-16 Article Number: 168  Impact Factor: 0.627   Quartile: 3   Citations: 10  DOI: 10.1186/s13638-016-0664-7  | 2015 |
| A capacity and minimum guarantee-based service class-oriented scheduler for LTE networks  Salman Ali Anjum Naveed Muhammad Zeeshan  EURASIP Journal on Wireless Communications and Networking, Article Number: 67  Impact Factor: 0.805   Quartile: 3   Citations: 21  DOI: 10.1186/1687-1499-2013-67  | 2013 |
| Conference Proceedings  R-IDPS: Real time SDN based IDPS system for IoT securit  Noman Mazhar Rosli Salleh Muhammad Zeeshan M. Muzaffar Hameed Nauman Khan  IEEE 18th International Conference on Smart Communities: Improving Quality of Life Using ICT, IoT and AI (HONET), res.country(177,)  Citations: 6  DOI: https://doi.org/10.1109/HONET53078.2021.9615449  | 2021 |
| Design and Testing of SNMP/MIB based IoT Control API  Muhammad Zeeshan Mohammad Ziad Siddiqui Farrukh Bin Rashid  2019 IEEE 16th International Conference on Smart Cities: Improving Quality of Life Using ICT & IoT and AI (HONET-ICT) res.country(233,)  | 2019 |
| Citations: 3  DOI: 10.1109/HONET.2019.8908111  |      |
|  | 2019 |
| DOI: 10.1109/HONET.2019.8908111  Intrusion Detection In IoT Using Artificial Neural Networks On UNSW-15 Dataset  Sohaib Hanif Tuba Ilyas Muhammad Zeeshan  2019 IEEE 16th International Conference on Smart Cities: Improving Quality of Life Using ICT & IoT and AI (HONET-ICT) res.country(233,)  Citations: 39  | 2019 |
| Intrusion Detection In IoT Using Artificial Neural Networks On UNSW-15 Dataset  Sohaib Hanif Tuba Ilyas Muhammad Zeeshan  2019 IEEE 16th International Conference on Smart Cities: Improving Quality of Life Using ICT & IoT and AI (HONET-ICT) res.country(233,)  Citations: 39  DOI: 10.1109/HONET.2019.8908122  An Optimal Distributed Algorithm for Best AP Selection and Load Balancing in WiFi  Uferah Shafi Muhammad Zeeshan Naveed Iqbal Nadia Kalsoom Rafia Mumtaz  15th International Conference on Smart Cities: Improving Quality of Life Using ICT & IoT (HONET-ICT) res.country(177,)  Citations: 13 |      |

| Irfan Hanif Muhammad Zeeshan Akhlaque Ahmed   |      |
|---|------|
| 2016 10th International Conference on Next Generation Mobile Applications, Security and Technologies (NGMAST) res.country(231,) |      |
| Citations: 8  DOI: 10.1109/NGMAST.2016.10   |      |
| Interference and Capacity Analysis in Multi-Hop Wireless Mesh Networks  | 2013 |
| Muhammad Zeeshan Anjum Naveed 2013 21st IEEE International Conference on Network Protocols (ICNP), res.country(57,)             |      |
| Citations: 1  |      |
| <b>DOI:</b> 10.1109/ICNP.2013.6733645   |      |
| Routing and Spectrum Decision in Single Transceiver Cognitive Radio Networks  | 2013 |
| Muhammad Zeeshan Kashif Sattar Zawar Shah Imdad Ullah   |      |
| 2013 IEEE 78th Vehicular Technology Conference (VTC Fall), res.country(233,)  |      |
| Citations: N/A  |      |
| <b>DOI:</b> 10.1109/VTCFall.2013.6692398  |      |
| A Spectrum Exploitation Scheme with Channel Assignment for Genetic Algorithm based Adaptive-                                    | 2012 |
| Array Smart Antennas in Cognitive Radio Networks  |      |
| Muhammad Zeeshan Salman Ali   |      |
| 2012 IEEE International Conference on Communications (ICC), res.country(38,)  |      |
| Citations: 3  DOI: 10.1109/ICC.2012.6364404   |      |
|   |      |
| A Utility Based Resource Allocation Scheme with Delay Scheduler for LTE Service-Class Support                                   | 2012 |
| Muhammad Zeeshan Salman Ali   |      |
| 2012 IEEE Wireless Communications and Networking Conference Workshops, WCNCW 2012, res.country(75,)                             |      |
| Citations: 34  DOI: 10.1109/WCNC.2012.6214009   |      |
|   |      |
| A Delay-Scheduler Coupled Game Theoretic Resource Allocation Scheme for LTE Networks  | 2011 |
| Muhammad Zeeshan Salman Ali 2011 9th International Conference on Frontiers of Information Technology, res.country(177,)         |      |
| Citations: 14   |      |
| DOI: 10.1109/FIT.2011.11  |      |
| Backup Channel and Cooperative Channel Switching On-Demand Routing Protocol for Multi-Hop                                       | 2010 |
| Cognitive Radio Ad Hoc Networks (BCCCS)   |      |
| Muhammad Zeeshan Muhammad Fahad Manzoor Junaid Qadir  |      |
| 2010 6th International Conference on Emerging Technologies (ICET), res.country(177,)  |      |
| Citations: 26   |      |
| <b>DOI:</b> 10.1109/ICET.2010.5638455   |      |
| Editorial Activities  |      |
| N/A   | 2024 |
| Reviewed Papers for Journals  | 2024 |
| Impact Factor: N/A  |      |
| N/A   | 2024 |
| Reviewed Papers for Journals  | 2024 |
| Impact Factor: N/A  |      |
| Transactions on Computers   | 2024 |
| Reviewed Papers for Journals  | 2024 |
| Impact Factor: 3.6  |      |
| PLOS One  | 2024 |
| Reviewed Papers for Journals  |      |
| Impact Factor: 2.9  |      |
| N/A   | 2024 |
| Reviewed Papers for Journals  | 2027 |
| Impact Factor: N/A  |      |

2024

N/A

| Reviewed Papers for Journals                                     |      |
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| Impact Factor: N/A   |      |
| N/A  | 2024 |
| Reviewed Papers for Journals                                     |      |
| Impact Factor: N/A   |      |
| Cybernetics and Systems  | 2024 |
| Reviewed Papers for Journals                                     |      |
| Impact Factor: 1.1   |      |
| Computing Surveys  | 2024 |
| Reviewed Papers for Journals                                     |      |
| Impact Factor: 23.8  |      |
| Tsp Online System  | 2024 |
| Reviewed Papers for Journals                                     |      |
| Impact Factor: 2.0   |      |
| Bulletin of the Polish Academy of Sciences                       | 2024 |
| Reviewed Papers for Journals                                     |      |
| Impact Factor: 1.2   |      |
| Cybernetics and Systems  | 2024 |
| Reviewed Papers for Journals                                     |      |
| Impact Factor: 1.1   |      |
| N/A  | 2024 |
| Reviewed Papers for Journals  Impact Factor: N/A                 |      |
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| Security and Communication Networks Reviewed Papers for Journals | 2024 |
| Impact Factor: N/A   |      |
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| PLOS ONE  Reviewed Peners for Journals                           | 2024 |
| Reviewed Papers for Journals  Impact Factor: 2.9                 |      |
|  | 0004 |
| Discover Applied Sciences Reviewed Papers for Journals           | 2024 |
| Impact Factor: 2.8   |      |
|  | 2024 |
| Biomedical Engineering (BME) Reviewed Papers for Journals        | 2024 |
| Impact Factor: 0.3   |      |
| Applied Computational Intelligence and Soft Computing            | 2024 |
| Reviewed Papers for Journals                                     | 2024 |
| Impact Factor: 2.4   |      |
| Patrichia Sinnapa  | 2024 |
| Reviewed Papers for Journals                                     |      |
| Impact Factor: 0   |      |
| COMPUTING AND INFORMATICS  | 2023 |
| Reviewed Papers for Journals                                     |      |
| Impact Factor: 0.7   |      |
| Biomedical Engineering (BME)                                     | 2023 |
| Reviewed Papers for Journals                                     |      |

Sensors
Reviewed Papers for Journals
Impact Factor: 3.4

IEEE Systems Journal
Reviewed Papers for Journals
Impact Factor: 4

Impact Factor: 0.3

| Informatics Reviewed Papers for Journals Impact Factor: 3.4                     | 2023 |
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| N/A Reviewed Papers for Journals Impact Factor: N/A                             | 2023 |
| N/A Reviewed Papers for Journals Impact Factor: N/A                             | 2023 |
| N/A Reviewed Papers for Journals Impact Factor: 0                               | 2023 |
| N/A Reviewed Papers for Journals Impact Factor: N/A                             | 2023 |
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| N/A Reviewed Papers for Journals Impact Factor: N/A                             | 2023 |
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| Reviewed Papers for Journals  Impact Factor: N/A                                | 2023 |
| Reviewed Papers for Journals  Impact Factor: N/A                                | 2023 |
| N/A Reviewed Papers for Journals Impact Factor: N/A                             | 2023 |
| Reviewed Papers for Journals Impact Factor: N/A                                 | 2023 |
| Medical and Health Sciences Reviewed Papers for Journals Impact Factor: 0.939   | 2023 |
| Transactions on Intelligent Transportation Systems Reviewed Papers for Journals | 2023 |

### Impact Factor: 8.5

| Sensors  Reviewed Papers for Journals  Impact Factor: 3.9   | 2023 |
|---|------|
| International Journal of Environmental Research and Public Health Reviewed Papers for Journals Impact Factor: 3.390 | 2023 |
| Reviewed Papers for Journals  Impact Factor: N/A  | 2023 |
| Diagnostics Reviewed Papers for Journals Impact Factor: 3.6   | 2022 |
| Computer Science and Information Systems Reviewed Papers for Journals Impact Factor: 1.170                          | 2022 |
| ETRI Journal  Reviewed Papers for Journals  Impact Factor: 1.4  | 2022 |
| Reviewed Papers for Journals Impact Factor: N/A   | 2022 |
| Reviewed Papers for Journals  Impact Factor: N/A  | 2022 |
| Reviewed Papers for Journals  Impact Factor: N/A  | 2022 |
| Reviewed Papers for Journals  Impact Factor: N/A  | 2022 |
| Reviewed Papers for Journals  Impact Factor: N/A  | 2022 |
| N/A Reviewed Papers for Journals Impact Factor: N/A   | 2022 |
| Sustainability Reviewed Papers for Journals Impact Factor: 3.9  | 2022 |
| Information Reviewed Papers for Journals Impact Factor: NA  | 2022 |
| Journal of Supercomputing  Reviewed Papers for Journals  Impact Factor: 2.557                                       | 2022 |
| IEEE Internet of Things Journal Reviewed Papers for Journals Impact Factor: 9.471                                   | 2022 |
| Tropical Medicine and Infectious Disease Reviewed Papers for Journals Impact Factor: 3.711                          | 2022 |
| IEEE Access   | 2022 |

| Reviewed Papers for Journals  Impact Factor: 3.367  |      |
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| Journal of Supercomputing Reviewed Papers for Journals Impact Factor: 2.557   | 2022 |
| International Journal of Computing and Digital Systems Reviewed Papers for Journals Impact Factor: NA               | 2022 |
| International Journal of Environmental Research and Public Health Reviewed Papers for Journals Impact Factor: 4.614 | 2022 |
| Energy Policy Reviewed Papers for Journals Impact Factor: 3.352   | 2021 |
| Reviewed Papers for Journals Impact Factor: NA  | 2021 |
| Reviewed Papers for Journals Impact Factor: NA  | 2021 |
| Reviewed Papers for Journals Impact Factor: 4.802   | 2021 |
| IEEE Systems Journal Reviewed Papers for Journals Impact Factor: 4.802  | 2021 |
| Mobile Information Systems Reviewed Papers for Journals Impact Factor: NA   | 2021 |
| IEEE Access Reviewed Papers for Journals Impact Factor: 3.476   | 2021 |
| Reviewed Papers for Journals Impact Factor: NA  | 2021 |
| Reviewed Papers for Journals Impact Factor: NA  | 2021 |
| Reviewed Papers for Journals  Impact Factor: 0.276  | 2021 |
| Reviewed Papers for Journals Impact Factor: 11.648  | 2021 |
| Reviewed Papers for Journals Impact Factor: NA  | 2021 |
| Reviewed Papers for Journals  Impact Factor: 3.931  | 2021 |
|   | 2021 |

Reviewed Papers for Journals Impact Factor: 3.931

| Reviewed Papers for Journals                       | 2021 |
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| Impact Factor: na                                  | 2021 |
| Reviewed Papers for Journals  Impact Factor: na    |      |
| Reviewed Papers for Journals Impact Factor: 2.474  | 2021 |
| Reviewed Papers for Journals  Impact Factor: na    | 2021 |
| Reviewed Papers for Journals Impact Factor: 0.858  | 2021 |
| Reviewed Papers for Journals  Impact Factor: na    | 2021 |
| Reviewed Papers for Journals Impact Factor: na     | 2021 |
| Reviewed Papers for Journals Impact Factor: 2.474  | 2020 |
| Reviewed Papers for Journals Impact Factor: na     | 2020 |
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| Reviewed Papers for Journals Impact Factor: na     | 2020 |
| Reviewed Papers for Journals                       | 2020 |
| Reviewed Papers for Journals                       | 2020 |
| Impact Factor: na  Reviewed Papers for Journals    | 2020 |
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| Impact Factor: na  Reviewed Papers for Journals    | 2020 |
| Reviewed Papers for Journals  Impact Factor: na    | 2020 |
| Reviewed Papers for Journals  Impact Factor: 3.367 | 2020 |
| Reviewed Papers for Journals                       | 2020 |

# Impact Factor: na 2020 Reviewed Papers for Journals Impact Factor: 5.29 2020 Reviewed Papers for Journals 2020 Reviewed Papers for Journals Impact Factor: 0.94 2020 Reviewed Papers for Journals Impact Factor: 5.29 2019 Reviewed Papers for Journals Impact Factor: -2019 Reviewed Papers for Journals

Impact Factor: 9.302

| Reviewed Papers for Journals  Impact Factor: 9.302 | 2019 |
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| Reviewed Papers for Journals                       | 2019 |
| Impact Factor: -  Reviewed Papers for Journals     | 2019 |
| Impact Factor: -  Reviewed Papers for Journals     | 2019 |
| Impact Factor: -                                   | 2019 |
| Reviewed Papers for Journals  Impact Factor: -     | 2019 |
| Reviewed Papers for Journals  Impact Factor: -     | 2019 |
| Reviewed Papers for Journals  Impact Factor: -     | 2019 |
| Reviewed Papers for Journals Impact Factor: 4.337  | 2018 |
| Reviewed Papers for Journals  Impact Factor: 2.407 | 2018 |
| Reviewed Papers for Journals  Impact Factor: 4.337 | 2018 |
| Reviewed Papers for Journals                       | 2018 |
| Impact Factor: 2.407  Reviewed Papers for Journals | 2018 |
| Impact Factor: 1.443  Reviewed Papers for Journals | 2018 |
| Impact Factor: 3.557                               | 2018 |
| Reviewed Papers for Journals  Impact Factor: 4.337 | 2018 |
| Reviewed Papers for Journals  Impact Factor: 4.337 | 2018 |
| Reviewed Papers for Journals  Impact Factor: 4.639 |      |
| Reviewed Papers for Journals Impact Factor: 4.337  | 2018 |
| Reviewed Papers for Journals                       | 2018 |

| Reviewed Papers for Journals  Impact Factor: 3.557 | 2017 |
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| Reviewed Papers for Journals Impact Factor: 4.337  | 2017 |
| Reviewed Papers for Journals Impact Factor: 4.337  | 2017 |
| Reviewed Papers for Journals  Impact Factor: 2.522 | 2017 |
| Reviewed Papers for Journals Impact Factor: 2.407  | 2017 |