

YEAR 2022

NO OF PAPERS	HEC CATEGORY			PAPERS WITH IF	CUMULATIVE IF
2	W	X	Y	2	7.508
	2				

1. Fengsheng Chien, Ching-Chi Hsu, **Amena Sibghatullah**, Vu Minh Hieu, Thi Thu Hien Phan, Nguyen Hoang Tien; “The role of technological innovation and cleaner energy towards the environment in ASEAN countries: proposing a policy for sustainable development goals’; Economic Research-Ekonomiska Istrazivanja; ISSN 1331-677X,1848-9664; DOI: <https://doi.org/10.1080/1331677X.2021.2016463>; (**Impact Factor 3.034**), (HEC recognized as “W”).
2. Muhammad Hassan Nasir, **Salman A Khan**, Muhammad Mubashir Khan, Mahwish Fatima; “Swarm Intelligence inspired Intrusion Detection Systems — A systematic literature review”; Computer Networks; ISSN 1389-1286; DOI: <https://doi.org/10.1016/j.comnet.2021.108708>; (**Impact Factor 4.474**), (HEC recognized as “W”).

YEAR 2021

NO OF PAPERS	HEC CATEGORY			PAPERS WITH IF	CUMULATIVE IF
52	W	X	Y	20	71.018
	13	20	19		

1. **Muhammad Mazher Iqbal, Husain Parvez, Fasahat Hussain, Muhammad Rashid**; “An Application Specific Reconfigurable Architecture with Reduced Area and Static Memory Cells”; Journal of Circuits, Systems and Computers; ISSN (print): 0218-1266 (online): 1793-6454; DOI: <https://doi.org/10.1142/S0218126621500651>; (**Impact Factor 1.333**), (HEC recognized as “X”).
2. **Muhammad Saad, Maaz Bin Ahmad, Muhammad Asif, Khalid Masood, Mohammad A. Al Ghamdi**; “Social Distancing and Isolation Management Using Machine-to-Machine Technologies to Prevent Pandemics”; Computers, Materials & Continua; ISSN: 1546-2218 (print): 1546-2226 (online); DOI:10.32604/cmc.2021.015720; (**Impact Factor 3.772**), (HEC recognized as “W”).
3. **Sohail Imran, Tariq Mahmood, Ahsan Morshed, Timos Sellis**; “Big Data Analytics in Healthcare. A Systematic Literature Review and Roadmap for Practical Implementation”; IEEE-CAA Journal of Automatica Sinica; ISSN 2329-9266; DOI: 10.1109/JAS.2020.1003384; (**Impact Factor 6.171**), (HEC recognized as “W”).
4. **Tariq Jalees, Sahar Qabool, Syed Imran Zaman, Syed Hasnain Alam Kazmi**; “Effect of spirituality and ethics on green advertising, and the multi- mediating roles of green buying and green satisfaction “; Cogent Business and Management; ISSN 2331-1975; DOI: <https://doi.org/10.1080/23311975.2021.1920559>; (HEC recognized as “X”).
5. **Sahar Altaf, Sumaira Khan, Muhammad Wajahat Khan, Muhammad Waqar Khan**; “A mathematical forecasting model to estimate tax to GDP ratio”; International Journal of Advanced Research in Engineering and technology; ISSN 0976-6499, 0976-6480; DOI: 10.34218/IJARET.12.3.2021.029; (HEC recognized as “Y”).
6. **Muhammad Waqar Khan, Sumaira Khan, Sahar Altaf, Muhammad Wajahat Khan**; “A review of the security issues in cloud computing and its remedial action”; Information Technology in Industry; ISSN 2203-1731; DOI: <http://dx.doi.org/10.17762/itii.v9i1.150>; (HEC recognized as “Y”).

7. **Muhammad Farhan Khan**, Syed Muhammad Monir, **Imran Naseem**, Bilal Muhammad Khan; "Adaptive just-noticeable difference profile for image hashing"; Computers and Electrical Engineering; ISSN 0045-7906; DOI: <https://doi.org/10.1016/j.compeleceng.2020.106967>; (**Impact Factor 3.818**), (HEC recognized as "W").
8. **Muhammad Farhan Khan**, Syed Muhammad Monir, **Imran Naseem**; "Robust image hashing based on structural and perceptual features for authentication of color images"; Turkish Journal of Electrical Engineering & Computer Sciences; E-ISSN: 1303-6203. ISSN: 1300-0632; DOI: [10.3906/elk-2002-6](https://doi.org/10.3906/elk-2002-6); (**Impact Factor 0.806**), (HEC recognized as "X").
9. Rashida Ali Memon, **Sameer Hashmat Qazi**, Bilal Muhammad Khan; "Design and Implementation of a Robust Convolutional Neural Network-Based Traffic Matrix Estimator for Cloud Networks"; Wireless Communications and Mobile Computing; ISSN: 1530-8669 (Print) 1530-8677 (Online); DOI: <https://doi.org/10.1155/2021/1039613>; (**Impact Factor 2.336**), (HEC recognized as "X").
10. **Hira Beenish**, **Fakeha Nasar**, **Ehsan Sheikh**, **Muhammad Fahad**; "Design & Implementation of Monitoring system for Paralysis Patient using IoT"; KIET Journal of Computing & Information Sciences; ISSN(P) 2616-9592 ISSN(E) 2710-5075; DOI: <http://kjcis.pafkiet.edu.pk/index.php/kjcis/issue/view/7/8>; (HEC recognized as "Y").
11. H. Zahid, S. A. Syed, **Afshan Saad**, T. Mushtaq, M. Nadeem, R. Siddiqui, H. Ghazal, E. Waqar; "Portable smart mini patient monitor for improved healthcare outcomes: patient-based care device"; Pakistan Journal of Science; ISSN (Online): 2411-0930 | ISSN (Print): 0030-9877; DOI: https://www.researchgate.net/publication/350725512_PORTABLE_SMART_MINI_PATIENT_MONITOR_FOR_IMPROVED_HEALTHCARE_OUTCOMES_PATIENT-BASED_CARE_DEVICE; (HEC recognized as "Y").
12. Shahida Suleman, **Amena Sibghatullah**, Muhammad Azam; "Religiosity, halal food consumption, and physical well-being: An extension of the TPB"; Cogent Business & Management; ISSN 2331-1975; DOI: <https://doi.org/10.1080/23311975.2020.1860385>; (HEC recognized as "X").
13. Umair Ahmed, Irene Seok-Ching Yong, **Munwar Hussain Pahi**, Sarfraz Ahmed Dakhan; "Does meaningful work encompass support towards supervisory, worker and engagement relationship"; International Journal of Productivity and Performance Management; ISSN 1741-0401, DOI: <https://doi.org/10.1108/IJPPM-06-2020-0321>; (HEC recognized as "X").

14. **Ali Sajid, M. Arsalan Hashmi, Abdullah, Muhammad Amin Hasan**; "Foreign Capital Inflows and Stock Market Development in Pakistan"; Journal of Asian Finance, Economics and Business; ISSN 2288-4645; DOI: 10.13106/jafeb.2021.vol8.no6.0543; (HEC recognized as "Y").
15. **Ali Sajid**, Mohammad Arsalan, Muhammad Tahir Khan, Muhammad Sufyan Ramish;" The Equity Risk Premium Puzzle in Pakistan"; Market Forces; ISSN 2309-866X (Online) 1816-8434 (Print); DOI: <https://doi.org/10.51153/mf.v16i1.474>; (HEC recognized as "Y").
16. Umair Baig, **M. Arsalan Hashmi**, Syed Babar Ali, Saba Zehara; "Exploratory Sequential Mixed Methods in Doctorate Research: Extended Application of Constructivist Grounded Theory"; Journal of Business Studies; ISSN 2414-8393, 2409-6520; <http://ibtjbs.ilmauniversity.edu.pk/journal/jbs/16.2/4.pdf>; (HEC recognized as "Y").
17. **Atif Aziz, Tariq Jalees, Sahar Qabool, Adnan Anwar, Munwar Hussain Pahi**; "Consequences of Ethical Leadership with the Mediating Role of Self-Efficacy and Workplace Climate"; Academy of Strategic Management Journal; ISSN: 1544-1458 (Print)1939-6104 (Online); DOI: <https://www.abacademies.org/articles/Consequences-of-ethical-leadership-with-the-mediating-role-of-self-efficacy-and-workplace-climate-1939-6104-20-4-808.pdf>, (HEC recognized as "X").
18. Fengsheng Chien, Ka Yin Chau, **Tariq Jalees**, Yunqian Zhang, Van Chien Nguyen, Zulfiqar Baloch, "Crude Oil Price Volatility and Economic Growth: Mediating Role of Macro Economics indicators", Singapore Economic Review, ISSN: 0217-5908 (print); 1793-6837 (web), DOI: <https://www.worldscientific.com/doi/full/10.1142/S021759082150051X>; (**Impact Factor 1.184**), (HEC recognized as "X").
19. **Muhammad Fahad**, Tariq Javed, **Hira Beenish**, Adnan Ahmed Siddiqui, Ghufuran Ahmed; "Extending ONTAgrri with Service-Oriented Architecture towards Precision Farming Application"; Sustainability; ISSN: 2071-1050; DOI: <https://doi.org/10.3390/su13179801>; (**Impact Factor 3.251**) (HEC recognized as "W").
20. Umair Ahmed, Waheed Ali Umrani, Amna Yousaf, Muhammad Athar Siddiqui, **Munwar Hussain Pahi**; "Developing faithful stewardship for environment through green HRM"; International Journal of Contemporary Hospitality Management; ISSN 0959-6119; DOI: <https://www.emerald.com/insight/content/doi/10.1108/IJCHM-09-2020-1066/full/html>; (**Impact Factor 8.043**) (HEC recognized as "W").

21. Saeed Sial, Maria, **Munwar Hussain Pahi**, Rukhman Solangi, Chunlin Xin; “They can’t treat you well under abusive supervision: Investigating the impact of job satisfaction and extrinsic motivation on healthcare employees”; Rationality and Society - Sageopen; ISSN: 1461-7358, 1043-4631; DOI: <https://journals.sagepub.com/doi/abs/10.1177/104346312111033660?journalCode=rssa>; (**Impact Factor 0.892**) (HEC recognized as “W”).
22. **Saba Javed**, Kashif Ishaque, Shoaib Ahmed Siddique, Zainal Salam; “A Simple yet Fully Adaptive PSO Algorithm for Global Peak Tracking of Photovoltaic Array Under Partial Shading Conditions”; IEEE Transactions on Industrial Electronics (Early Access); ISSN: 0278-0046; DOI: 10.1109/TIE.2021.3091921; (**Impact Factor 8.236**) (HEC recognized as “W”).
23. **Sofia Yousuf Sheikh, Muhammad Taha Jilani**; “A ubiquitous wheelchair fall detection system using low-cost embedded inertial sensors and unsupervised one-class SVM”; Journal of Ambient Intelligence and Humanized Computing; ISSN: 1868-5137, 1868-5145; DOI: <https://doi.org/10.1007/s12652-021-03279-6>; (**Impact Factor 7.104**) (HEC recognized as “W”).
24. Muhammad Khalid, Abid Muhammad Khan, Muhammad Rauf, **Muhammad Taha Jilani**, Sher Afzal; “FPGA-Based Time-Domain Channel Estimation in Gaussian Mixture Model”; Mathematical Problems in Engineering; ISSN: 1024-123X (Print), 1563-5147 (Online); DOI: <https://doi.org/10.1155/2021/5596301>; (**Impact Factor 1.305**) (HEC recognized as “X”).
25. Muhammad Asif, **Maaz Bin Ahmad**, Shiza Mushtaq, Khalid Masood, Toqeer Mahmood, Arfan Ali Nagra; “Long Multi-digit Number Recognition from Images Empowered by Deep Convolutional Neural Networks”; The Computer Journal; ISSN: 0010-4620, EISSN 1460-2067; DOI: <https://doi.org/10.1093/comjnl/bxab117>; (**Impact Factor 1.492**) (HEC recognized as “X”).
26. Ubaid M. Al-Saggaf, Muhammad Usman, **Imran Naseem**, Muhammad Moinuddin, Ahmad A Jiman, Mohammed U. Alsaggaf, Hitham K. Alshoubaki, Shujaat Khan; “ECM-LSE: Prediction of Extracellular Matrix Proteins Using Deep Latent Space Encoding of k-Spaced Amino Acid Pairs”; Frontiers in Bioengineering and Biotechnology; ISSN: 2296-4185; DOI: <https://doi.org/10.3389/fbioe.2021.752658>; (**Impact Factor 5.89**) (HEC recognized as “W”).
27. Tanzeela Arooj, **Sajida Parveen**, Muhammad Iqbal, Muhammad Kamran; “Proposing Creativity Inclusion in the Primary Education of Pakistan: Analysis of Educational Policy Documents and Curricula of Multiple Countries to Draw the

Framework”; Turkish Online Journal of Qualitative Inquiry; E-ISSN 1309-6591; DOI: <https://www.tojqi.net/index.php/journal/article/view/6203/4416>; (HEC recognized as “Y”).

28. **Syed Muhammad Atif**, Nicolas Gillis, **Sameer Hashmat Qazi**, **Imran Naseem**; “Structured nonnegative matrix factorization for traffic flow estimation of large cloud networks”; Computer Networks; ISSN 1389-1286; DOI: <https://doi.org/10.1016/j.comnet.2021.108564>; (**Impact Factor 4.474**) (HEC recognized as “W”).

29. S Khurram Khan Alwi, Zobia Zaman, Maroof Bin Rauf, Tahreem Farrukh, **Sajida Parveen**; “Economic Prosperity and Education are Two Sides of the Same Coin: Role Analysis of Public and Private Educational Sectors for Economic Growth”; Multicultural Education; E-ISSN 1064-678X, P-ISSN 1068-3844; DOI: <http://ijdri.com/me/wp-content/uploads/2021/10/27.pdf>, (HEC recognized as “X”).

30. **M. Arsalan Hashmi**, **Abdullah**, Maria Ghani; “COVID-19 and Stock Returns in Asian Economies”; International Journal of Disaster Recovery and Business Continuity; ISSN 2005-4289 (Print) 2207-8363 (Online); DOI: <http://sersc.org/journals/index.php/IJDRBC/article/view/37485>; (HEC recognized as “Y”).

31. **Muhammad Salim**, **M. Arsalan Hashmi**, **Abdullah**; “The Predictive Power of Multi-Factor Asset Pricing Models: Evidence from Pakistani Banks”; Journal of Asian Finance, Economics and Business; ISSN 2288-4645; DOI: <https://doi.org/10.13106/jafeb.2021.vol8.no11.0001>; (HEC recognized as “X”).

32. **Tariq Jalees**, **Sahar Qabool**, **Adnan Anwar**; “A Mediating- Moderating Model on Job Stress and Emotional Intelligence”; KASBIT Business Journal; ISSN: 1994-1609 (Print), 2072-8018 (Online); DOI: <http://kbj.kasbit.edu.pk/Vol14-3/Paper3.pdf>; (HEC recognized as “Y”).

33. Sana Irshad, Kamran Ahsan, Muhammad Abid Khan, Sarwat Iqbal, Muhammad Azhar Hussain, Farhan Shafiq, **Shah Muhammad Emad**; “Context-Aware wearable system for animals- an exploration and classification”; International Journal on Information Technologies & Security; ISSN: 1313-8251; DOI: <https://ijits-bg.com/contents/IJITS-2021-No3/2021-N3-01.pdf>; (HEC recognized as “Y”).

34. Sharfuddin Ahmed Khan, Martin Agyemang, Alessio Ishaizaka, Syed Imran Zaman, **Syed Mubashir Ali**, Jennifer Alaval; “Barriers and overcoming strategies to multi-tier sustainable supply chain management: an explorative study in an emerging

economy”; International Journal of Sustainable Engineering; ISSN: 1939-7038,1939-7046; DOI: <https://doi.org/10.1080/19397038.2021.1986595>; (HEC recognized as “X”).

35. **Mohammad Affan Alim, Abdul Rafey**, Imran Naseem; “PoGB-pred: Prediction of Antifreeze Proteins Sequences Using Amino Acid Composition with Feature Selection Followed by a Sequential-based Ensemble Approach”; Current Bioinformatics ; ISSN: 1574-8936; DOI: 10.2174/1574893615999200707141926; (**Impact Factor 3.543**) (HEC recognized as “X”).

36. Muhammad Qamar Zia, Muhammad Naveed, Muhammad Adnan Bashir, **Asif Iqbal**; “The influence of servant leadership on employees' outcomes via job embeddedness in hospitality industry”; Journal of Hospitality and Tourism Insights; ISSN: 2514-9792; DOI: <https://doi.org/10.1108/JHTI-01-2021-0003>; (HEC recognized as “Y”).

37. **Ghulam Muhammad**, Aamir Firoz Shamsi; “The power of effective HRM and sustainable competitive advantage”; Middle East Journal of Management; ISSN: 2050-3636; DOI: <https://www.inderscienceonline.com/doi/abs/10.1504/MEJM.2021.118450>; (HEC recognized as “Y”).

38. Saurabh Shukla, Mohd. Fadzil Hassan, Duc Chung Tran, Rehan Akbar, Irving Vitra Papatungan, **Muhammad Khalid Khan**; “Improving latency in Internet-of-Things and cloud computing for real-time data transmission: a systematic literature review (SLR)”; Cluster Computing; ISSN: 1386-7857; DOI: <https://link.springer.com/article/10.1007/s10586-021-03279-3>; (**Impact Factor 1.809**) (HEC recognized as “X”).

39. **Sajida Parveen**, Syed Abdul Aziz; Critical Analysis of Pakistan Educational Policies of 1992, 1998 and 2009 with special reference to examination reforms in Sindh Board”; Pakistan journal of educational research; ISSN: 2663-0443,2707-7985; DOI: <http://pjer.org/index.php/pjer/article/view/260/94>; (HEC recognized as “Y”).

40. **Maryam Moola Bakhsh, Tariq Jalees**, Muhammad Sufyan Ramish, Aqeel Israr, **Atif Aziz**; “Assessing the Impact of Supervisor and Co-worker Incivility on Employee's Turnover Intention among Nurses at Tertiary Care, Public Sector Hospital in Karachi, Pakistan”; International Journal of Innovation, creativity and change; ISSN: 2201-1323; DOI: https://www.ijicc.net/images/Vol_15/Iss_7/15709_Bakhsh_2021_E1_R.pdf; (HEC recognized as “W”).

41. Adeel Israr, Aqeel Israr, **Adnan Anwar, Atif Aziz, Tariq Saeed**; “Management Control Systems and Balance Score Card: From the Perspective of Education Industry”; International Journal of Innovation, creativity and change; ISSN: 2201-1323; DOI: https://www.ijcc.net/images/Vol_15/Iss_8/15848_Aziz_2021_E1_R.pdf; (HEC recognized as “W”).
42. **Rozina Imtiaz**, Malek Ahmad Salem Alsoud, Muhammad Sufyan Ramish, **Atif Aziz, Adnan Anwar**; “Impact of Face book on Advertising: Analysis of effectiveness of Face book on enhancing customer purchase intention”; Elementary Education Online; ISSN: 1305-3515; DOI: <http://ilkogretim-online.org/index.php/io/article/view/3740/2833?mno=81363>; (HEC recognized as “X”).
43. **Atif Aziz**, Aqeel Israr, Abdul Samad Dahri, **Adnan Anwar**, Muhammad Uzair Asif; “The impact of strategic process, information sharing service obtained and service expectation on supply chain performance in freight forwarding industry of Pakistan”; Elementary Education Online; ISSN: 1305-3515; DOI: <http://ilkogretim-online.org/index.php /io/article/view/3740 /2833?mno=81360>; (HEC recognized as “X”).
44. Syed Babar Ali, Zeba Sharif Khan, Zubair A. Shah, Hassaan Ahmed, **Atif Aziz**; “Quality of Internal Risk Rating Framework at Commercial Banks in Pakistan” Elementary Education Online; ISSN: 1305-3515; DOI: <http://ilkogretim-online.org/index.php/io/article/view/3740/2833?mno=81364>;(HEC recognized as “X”).
45. Ubaid Amjad Shiekh, **Atif Aziz**; “The Moderating Impact of Social Media Usage & Perceived Risk on the Relationship of Website Experience and Online Purchase Intention; Elementary Education Online; ISSN: 1305-3515; DOI: <https://www.ilkogretim-online.org/index.php/io/article/view/1431/1287?mno=81365>;(HEC recognized as “X”).
46. Tansif ur Rehman, Mehmood Ahmed Usmani, **Sajida Parveen**; “a critical analysis of the criminal justice system in Pakistan”; Pakistan Journal of International Affairs; ISSN: 2523-1693,2664-360X; DOI: <http://pjia.com.pk/index.php/pjia/article/view/285/209>; (HEC recognized as “Y”).
47. Muhammad Asif, Arfan Ali Nagra, **Maaz Bin Ahmad**, Khalid Masood; Feature Selection Empowered by Self-Inertia Weight Adaptive Particle Swarm Optimization for Text Classification; Applied Artificial Intelligence; ISSN: 1087-6545,0883-9514; DOI: <https://doi.org/10.1080/08839514.2021.2004345>; (**Impact Factor 1.58**), (HEC recognized as “X”).

48. Muhammad Qamar Zia, Muhammad Naveed, **Asif Iqbal**, Shagufta Ghauri; “Predictors and outcomes of self-directed development: an investigation of individual and contextual factors”; International Journal of Training Research; ISSN: 1448-0220; DOI: <https://doi.org/10.1080/14480220.2021.1991834>; (HEC recognized as “Y”).
49. Qamar Zia, Muhammad Naveed, Muhammad Adnan Bashir, **Asif Iqbal**; The influence of servant leadership on employees’ outcomes via job embeddedness in hospitality industry; Journal of Hospitality and Tourism Insights; ISSN: 2514-9792,2514-9806; DOI: 10.1108/JHTI-01-2021-0003; (HEC recognized as “Y”).
50. **Yousuf Ali Badshah, Abdullah, M. Arsalan Hashmi**, Muhammad Hashim Shah; “Board Oversight and Financial Performance of Islamic Banks in Arab and Non-Arab Countries”; International Journal of Business and Society, ISSN: 1511-6670; DOI: <https://publisher.unimas.my/ojs/index.php/IJBS/article/view/4310>; (HEC recognized as “Y”).
51. **Saba Javed**, Ghulam E Mustafa Abro, Rahul Kumar; “Piece-wise Linear Fuzzy Sliding Mode Controller for Deep Submergence Rescue Vehicle (DSRV)”; Sir Syed University Research Journal of Engineering & Technology; DOI: <https://doi.org/10.33317/ssurj.371>; (HEC recognized as “Y”).
52. Mio Mio, **Tariq Jalees**, Syed Imran Zaman, Sherbaz Khan, Noor-ul-Ain Hanif, Muhammad Kashif Javed; “The influence of e-customer satisfaction, e-trust and perceived value on consumer's repurchase intention in B2C e-commerce segment”; Asia Pacific Journal of Marketing and Logistics; ISSN 1355-5855,1758-4248; DOI: <https://doi.org/10.1108/APJML-03-2021-0221>; (**Impact Factor 3.979**), (HEC recognized as “W”).

YEAR 2020.

NO OF PAPERS	HEC CATEGORY			PAPERS WITH IF	CUMULATIVE IF
35	W	X	Y	13	30.348
	16	6	8		

1. **S. Yousuf, M.B. Kadri**; "Information fusion of GPS, INS and Odometer sensors for improving localization accuracy of mobile robots in indoor and outdoor applications"; *Robotica*; ISSN: 0263-5747 (Print), 1469-8668 (Online); DOI: <https://doi.org/10.1017/S0263574720000351>; (**Impact Factor 1.509**), (HEC recognized as "W").
2. Naif Dalish N Alanazi, Tasneem Razzak, Yaser Iftikhar, **Atif Aziz**; "The moderating effect of working environment on the relationship between Organizational Commitment and job performance among nurses of public hospitals in Karachi"; *International Journal of Innovation, creativity and change*; ISSN 2201-1323, https://www.researchgate.net/publication/348252655_The_Moderating_Effect_of_Working_Environment_on_the_Relationship_between_Organisational_Commitment_and_Job_Performance_among_Nurses_of_Public_Hospitals_in_Karachi; (HEC recognized as "W").
3. Muhammad Hashim Shah, ZuopingXiao, **Abdullah**, Shakir Qureshi, Mushtaq Ahmad; "Internal Pyramid Structure, Contract Enforcement, Minority Investor Protection, and Firms Performance: Evidence from Emerging Economies"; *Research in International Business and Finance*; ISSN 0275-5319; DOI: <https://doi.org/10.1016/j.ribaf.2019.101170>; (**Impact Factor 1.801**).
4. Muhammad Ali Dildar, **Muhammad Asif**, Asma Kanwal, **Maaz Bin Ahmad**, Syed A. Gilani;" RESTCub: A Language Independent Middleware for Cognitive Robot"; *International Journal of Humanoid Robotics*; ISSN:0219-8436(Print), 1793-6942(Online); <https://doi.org/10.1142/S0219843620500206>; (**Impact Factor 1.394**) (HEC recognized as "W").
5. Shoaib Riaz, Hadeeqa Batool, **Atif Aziz**; "The Mediating Role of SNN and its Antecedents and Consequences"; *Market Forces*; ISSN 2309-866X (Online) 1816-8434 (Print); DOI: <http://pafkiet.edu.pk/marketforces/index.php/marketforces/article/view/395>; (HEC recognized as "Y").

6. Kinza Shafique, Bilal Khawaja, **Farah Sabir, Sameer Hashmat Qazi**, Muhammad Mustaqim; “Internet of Things (IoT) For Next-Generation Smart Systems: A Review of Current Challenges, Future Trends and Prospects for Emerging 5G-IoT Scenarios”; IEEE ACCESS; ISSN 2169-3536; DOI: 10.1109/ACCESS.2020.2970118; (**Impact Factor 3.745**) (HEC recognized as “W”).
7. Masood Hassan, **M Arsalan Hashmi**; “Innovative Branding Strategies, Consumer Perception and Purchase Intentions in the Insurance Sector of Pakistan”; Pakistan Business Review; ISSN 1561-8706; DOI: pbr.iobm.edu.pk; (HEC recognized as “X”).
8. **Syed Usman Amin, Muhammad Aaquib Shahbaz, Arsalan Jawed**, Naveed, Ayesha Hassan, Asma Mahar, **Fahad Khan**, Noman Masood, Danish Kaleem, Zain Hussain Warsi, **Muhammad Junaid**; “A wirelessly powered low-power digital temperature sensor.”; International Journal of Circuit Theory and Applications; ISSN 1097-007X; DOI: 10.1002/cta.2739; (**Impact Factor 1.581**), (HEC recognized as “W”).
9. **Adnan Anwar, Tariq Jalees**; “Brand Orientation and WOM: Mediating Role of Brand Love”; Journal of Management Sciences; ISSN 2313-0113, 2413-8657; DOI: 10.20547/jms.2014.2007102; (HEC recognized as “Y”).
10. Zille Huma, Nasser Masoud Alotaibi, **Atif Aziz**, Syed Akbar Shah; “The moderating effect of EWOM on online purchase: A perspective from the viewpoint of Pakistan customer”; International Journal for Quality Research; ISSN 1800-7473,1800-6450; DOI: 10.24874/IJQR14.04-10; (HEC recognized as “X”).
11. Muhammad Raza, Vladimir V Kolmakov, **Atif Aziz**, Ali Alshebami; “The Impact of Consumer Perceived Value on Purchase Behavior in a developing country: The Case of Green Products”; International Journal of Innovation, creativity and change; ISSN 2201-1323; DOI: <https://www.researchgate.net/publication/342673929>; (HEC recognized as “W”).
12. **Usman Sikandar, Muhammad Taha Jilani**, Sohail Sarwar, M. Safyan, Zia Ul Qayyum, Amjad Ali; “A Context aware and Intelligent Framework for the Secure Mission Critical Systems”; Transactions on Emerging Telecommunications Technologies; ISSN 2161-3915,2161-5748; DOI: <https://doi.org/10.1002/ett.3954>; (**Impact Factor 1.594**), (HEC recognized as “W”).

13. **Syed Akbar Shah**, Tasneem Razzak, **Muhammad Usman Aleem**, **Atif Aziz**; “Employee Commitment to Service Quality and Leadership Style, a Case of Private Higher Education Institutes of Pakistan”; Talent Development & Excellence; ISSN 1869-2885,1869-0459; DOI: <http://www.iratde.com/index.php/jtde/article/view/1616>; (HEC recognized as “Y”).
14. **M. Arsalan Hashmi**, **Tariq Jalees**, **Sahar Qabool**, **Atif Aziz**, “Consequences of Organizational Culture and the Mediating Role of Job Satisfaction and Turnover Intentions”, Abasyn Journal of Social Sciences, ISSN 1998-152X,2221-6782 DOI: <http://ajss.abasyn.edu.pk/admieditor/papers/AJSS.13.1.22.pdf>, (HEC recognized as “Y”).
15. Rizwan Raheem Ahmed, Faryal Salman, Shahab Alam Malik, Dalia Streimikiene, **Munwar Hussain Pahi**; “Smartphone Use and Academic Performance of University Students: A Mediation and Moderation Analysis”; Sustainability, ISSN: 2071-1050; DOI: <https://doi.org/10.3390/su12010439>; (**Impact Factor 2.576**).
16. **Munwar Hussain Pahi**, Umair Ahmed, Abdullah Zafar Sheikh, Sarfaraz Ahmed Dakhan, Faiz Ahmed Khuwaja, T. Ramayah; “Leadership and commitment to service quality in Pakistan hospitals: the contingent role of role clarity”; Sage Open; ISSN 2158-2440; DOI: <https://doi.org/10.1177/2158244020963642>; (**Impact Factor 0.715**) (HEC recognized as “W”).
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	16	3	5		

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18	W	X	Y	10	15.737
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