

**COMSATS University Islamabad, Lahore Campus**

Office of Academics and Research

**Annual Research Productivity Data 2019**

**Department of Computer Science CUI-Lahore Campus**

Sr.#	Title	Authors	Journal Name	Volume/Issue	Page/	Dep-	IF/ISI	CIIT	REMARKS
					Article ID	Campus		Authors	
1	Automated Diagnosis of Hepatitis B Using Multilayer Mamdani Fuzzy Inference System	Gulzar Ahmad, Muhammad Adnan Khan, Sagheer Abbas, <b>Atifa Athar</b> , Bilal Shoaib Khan, and Muhammad Shoukat Aslam	Journal of Healthcare Engineering	Volume 2019,	Article ID 6361318/11 pages	CS-LHR	1.261	1	Published
2	A systematic literature review on the detection of smells and their evolution in object-oriented and service-oriented systems	Fatima Sabir, Francis Palma, <b>Ghulam Rasool</b> , Yann-Gaël Guéhéneuc, Naouel Moha	Software: Practice and Experience	Volume49, Issue1	pp: 3-39	CS-LHR	1.33	1	Published
3	A Process Model Collection and Gold Standard Correspondences for Process Model Matching	K. Shahzad, <b>R. Nawab</b> , A. Abid, K. Sharif, F. Ali, F. Aslam, and A. Mazhar	IEEE ACCESS	Vol: 7, Issue: 1	pp: 30708-30723	CS-LHR	3.557	1	Published
4	Design and Development of a Large Cross-Lingual Plagiarism Corpus for Urdu-English Language Pair	I. Haneef, <b>R. Nawab</b> , E. Munir, and I. Bajwa	Scientific Programming	Volume 2019	11 pages	CS-LHR	1.344	1	Online Published
5	Review of various tasks performed in the preprocessing phase of a Diabetic Retinopathy Diagnosis System	Muhammad Nadeem Ashraf, Muhammad Hussain, <b>Zulfiqar Habib</b>	Current Medical Imaging	Vol: 15, Issue: 10	<a href="https://doi.org/10.2174/157340561566619021910242">DOI : 10.2174/157340561566619021910242</a>	CS-LHR	0.299	1	Published

6	Estimating virtual trust of cognitive agents using multi layered socio-fuzzy inference system	Sadaf Hussain, Sa gheer Abbas, Tan weer Sohail, M. Adnan Khan, <b>Atifa Athar</b>	Journal of Intelligent & Fuzzy Systems	Pre-press	pp. 1-16	CS-LHR	1.637	1	Published
7	Application of machine learning techniques to analyze anastomosis integrity after Total gastrectomy for prediction of clinical leakage	Sebahattin Celik, Ayesha Sohail, <b>Shaina Ashraf</b> , Arooba Arshad	Journal Health and Technology,	In Press	pp 1-7	CS-LHR	ISI	1	Published Online
8	Stochastic game-based dynamic information delivery system for wireless cooperative networks	Feng, L., <b>Ali, A.</b> , Liaqat, H. B., <b>Iftikhar, M. A.</b> , Bashir, A. K., & Pack, S.	Future Generation Computer Systems	Volume 95, June 2019,	277-291	CS-LHR	5.77	2	Published
9	A review of retinal blood vessels extraction techniques: challenges, taxonomy, and future trends	Khan, Khan Bahadar, Amir A. Khaliq, Abdul Jalil, <b>Muhammad Aksam Iftikhar</b> , Najeeb Ullah, Muhammad Waqar Aziz, Kifayat Ullah, and Muhammad Shahid	Pattern Analysis and Applications	Volume 22, Issue 3, August 2019	767-802	CS-LHR	1.41	1	Published
10	Applying Bayesian Network Approach to Determine the Association Between Morphological Features Extracted from Prostate Cancer Images	Hussain, L., <b>Ali, A.</b> , Rathore, S., Saeed, S., Idris, A., Usman, M. U., <b>Iftikhar, M. A.</b> , & Suh, D. Y.	IEEE Access	Volume 7, January 2019	1586-1601	CS-LHR	4.098	2	Published

11	Socially-Aware Congestion Control in Ad-Hoc Networks: Current Status and The Way Forward	H. B. Liaqat, <b>Amjad Ali</b> , J. Qadir, A. K. Bahir, M. Bilal, and F. Majeed	Future Generation Computer Systems	vol. 97	pp. 634-660	CS-LHR	5.768	1	Published
12	Transportation Sentiment Analysis Using Word Embedding and Ontology-based Topic Modeling	F. Ali, D. Kwak, P. Khan, S. El-Sappagh, <b>Amjad Ali</b> , S. Ullah, K. H. Kim, K-S. Kwak	Knowledge-Based Systems	vol. 174	pp. 27-42	CS-LHR	5.101	1	Published
13	Ranked Sense Multiple Access Control Protocol for Multichannel Cognitive Radio-Based IoT Networks	M. Shaq, P. Singh, I. Ashraf, M. Ahmad, <b>Amjad Ali</b> , A. Irshad, M. K. Afzal, and J-G. Choi	MDPI Sensors	vol. 19/7	pp. 1-22	CS-LHR	3.031	1	Published
14	Optimal Haptic Communications over Nanonetworks for E-Health Systems	L. Feng, <b>Amjad Ali</b> , M. Iqbal, A. K. Bashir, <b>S. A. Hussain</b> , and S. Pack	IEEE Transactions on Industrial Informatics	vol. 15, no. 5	pp. 3016-3027	CS-LHR	7.377	2	Published
15	Hybrid Fuzzy Logic Scheme for Efficient Channel Utilization in Cognitive Radio Networks	<b>Amjad Ali</b> , L. Abbas, M. Shaq, A.K. Bashir, M.K. Afzal, H.B. Liaqat, M.H. Siddiqi, and K. S. Kwak	IEEE Access	vol. 7	pp. 24463-24476	CS-LHR	4.098	1	Published
16	Handshake Sense Multiple Access Control for Cognitive Radio-Based IoT Networks	M. Shaq, M. Ahmad, M. K. Afzal, <b>Amjad Ali</b> , A. Irshad, and Jin-Ghoo Choi	MDPI Sensors	vol. 19, no. 2	pp. 1-21	CS-LHR	3.031	1	Published

17	An improved method to deploy Cache Servers in Software Defined Network-based Information Centric Networking for Big Data	Jan Badshah, Nadir Shah, Muhammad Kamran, <b>S. A. Abid</b>	Journal of Grid Computing	17/2	<a href="https://doi.org/10.1007/s10723-019-09477-z">https://doi.org/10.1007/s10723-019-09477-z</a>	CS-LHR	2.8	1	Published
18	GREEN SDN — An enhanced paradigm of SDN: Review, taxonomy, and future directions	Sana Moin, Ahmad Karim, Kalsoom Safdar, Iqra Iqbal, Zanab Safdar, V. Vijayakumar, K. T. Ahmed, and <b>S. A. Abid</b>	Concurrency and Computation Practice and Experience	e5086	<a href="https://doi.org/10.1002/cpe.5086">https://doi.org/10.1002/cpe.5086</a>	CS-LHR	1.167	1	Published
19	DDoS attack detection: A key enabler for sustainable communication in internet of vehicles	Sherazi, H. H. R., Iqbal, R., <b>Ahmad, F.</b> , Khan, Z. A., & <b>Chaudary, M. H.</b>	Sustainable Computing: Informatics and Systems	23	13-20	CS-LHR	1.8	2	Published
20	Hybrid self-inertia weight adaptive particle swarm optimisation with local search using C4.5 decision tree classifier for feature selection problems.	Nagra, A. A., Han, F., Ling, Q. H., Abubaker, M., <b>Ahmad, F.</b> , Mehta, S., & Apasiba, A. T.	Connection Science	ISSN: 0954-0091 (Print) 1360-0494 (Online)	1-21.	CS-LHR	0.673	1	Published
21	Recognizing Human Activities From Video using Weakly	<b>Ajmal, M.</b> , <b>Ahmad, F.</b> , Naseer M., Jamjoom M.	IEEE Access	Volume 7	doi: 10.1109/ACCESS.2019.2929262	CS-LHR	4.098	2	Published
22	Statistical machine translation of Indian languages: a survey.	Jadoon, N. K., <b>Anwar, W.</b> , <b>Bajwa, U. I.</b> , & <b>Ahmad, F.</b>	Neural Computing and Applications	Volume 31, Issue 7,	pp 2455–2467	CS-LHR	4.664	3	Published

23	Segmentation and Grade Prediction of Colon Cancer Digital Pathology Images Across Multiple Institutions.	Rathore, S., <b>Iftikhar, M. Aksam</b> , Chaddad, A., Niazi, T., Karasic, T., & Bilello, M.	Cancers	11(11)	1700., doi: 10.3390/cancers11111700.	CS-LHR	6.2	1	Published
24	Intelligent churn prediction for telecom using GP-AdaBoost learning and PSO undersampling	Idris, A., <b>Iftikhar, M. Aksam</b> , & ur Rehman, Z.	Cluster Computing	22 (3)	7241-7255., <a href="https://doi.org/10.1007/s10586-017-1154-3">https://doi.org/10.1007/s10586-017-1154-3</a>	CS-LHR	2.04	1	Published
25	Automatic switching between speech and non-speech: adaptive auditory feedback in desktop assistance for the visually impaired	M. Shoaib, I. Hussain, <b>H. T. Mirza</b> (2019)	Universal Access in the Information Society, Springer,	Standard: 1615-5289	pp: 1-11	CS-LHR	0.92	1	Published
26	Multiple mix zones de-correlation trajectory privacy model for road network	I. Memon, <b>H. T. Mirza</b> , Q. A. Arain, H. Memon (2019),	Volume 70, Issue 4	Standard: 1018-4864	pp: 1-26	CS-LHR	1.527	1	Published
27	Postprandial Anti-Diabetic Effects of Various Fractions of Fagonia indica Burm. f. by in vitro and in vivo Studies	A. Rehman, A. Latif, R. Anwar, N. Abbas, S. Nawaz and <b>H. T. Mirza</b> (2019)	Pakistan J. Zool	Vol: 51, Issue: 1	pp: 333-340,	CS-LHR	0.547	1	Published
28	Spam Review Detection Techniques: A Systematic Literature Review	N. Hussain, <b>H. T. Mirza*</b> , <b>G. Rasool</b> , I. Hussain and M. Kaleem (2019)	Appl. Sci	Vol: 9, Issue: 5	pp: 1-26	CS-LHR	1.855	2	Published

29	Thermal-benchmarking for Cloud Hosting Green Data Centers	<b>M. Tayyab Chaudhry, M. Hasan Jamal, Zeeshan Gillani, Waqas Anwar, and M. Salman Khan</b>	Sustainable Computing: Informatics and Systems	25	100357	CS-LHR	1.8	5	Published
30	Intelligent routing between capsules empowered with deep extreme machine learning technique	Naila Samar Naz, Muhammad Adnan Khan, Sagheer Abbas, <b>Atif Athar</b> & Shazia Saqib	SN Applied Sciences, © Springer Nature Switzerland	volume 2/Issue 1	Article number : 108	CS/Lahore	ISI	1	Published
31	Intelligent reliability management in hyper-convergence cloud infrastructure using fuzzy inference system	Nadia Tabassum, Muhammad Saleem Khan, Sagheer Abbas, Tahir Alyas, <b>Atifa Athar</b> , Muhammad Adnan Khan.	EAI Endorsed Transactions on Scalable Information Systems. (10th July, 2019)	Volume 6, Issue 23,	e1	CS/Lahore	ISI	1	Published
32	Cloud Services Ranking by measuring Multiple Parameters using AFIS	Sagheer Abbas , Tahir Alyas , <b>Atifa Athar</b> , Muhammad Adnan Khan, Areej Fatima, Waseem Ahmad Khan	EAI Endorsed Transactions on Scalable Information Systems (4th July, 2019)	Volume 6, Issue 22	e4	CS/Lahore	ISI	1	Published
33	Non-parametric Bayesian channels Clustering (NOBEL) Scheme for Wireless Multimedia Cognitive Radio Networks	<b>A. Ali</b> , M. E. Ahmed, F. Ali, N. H. Tran, D. Niyato, and S. Pack	IEEE Journal on Selected Areas in Communications	vol. 37, no. 10	pp. 2293-2305	CS-LHR	11.42	1	Published

34	Human Body Segmentation using Level set-based Active Contours with Application on Activity Recognition	M. Alruwaili, M. H. Siddiqi, and <b>A. Ali</b>	IEEE Access	vol. 7	pp. 157841-157858	CS-LHR	3.745	1	Published
35	A Novel Feature Selection Method for Video-Based Human Activity Recognition Systems	M. H. Siddiqi, M. Alruwaili, and <b>A. Ali</b>	IEEE Access	vol. 7, no. 1	pp. 119593-119602	CS-LHR	3.745	1	Published
36	Self-citation Analysis on Google Scholar Dataset for H Index Corrections	F. Majeed, M. Shafiq, <b>A. Ali</b> , M. A. Hassan, S.A. Abbas, M. E. Alzahrani, M.Q. Saleem, H.B. Liaqat, A. Garezi, A. Irshad	IEEE Access	vol. 7, no. 1	pp. 126025-126036	CS-LHR	3.745	1	Published
37	Human Activity Recognition using Gaussian Mixture Hidden Conditional Random Fields	M. H. Siddiqi, M. Alruwaili, <b>A. Ali</b> , S. Alanazi, and F. Zeshan,	Computational Intelligence and Neuroscience	vol. 2019	pp. 1-14	CS-LHR	2.284	1	Published
38	Augmented Reality App for Teaching OOP	<b>Sana Rizwan</b> , Arslan Aslam, <b>Sobia Usman</b> , Muhammad Moez Ghauri	IJACSA, The Science and Information (SAI) Organization	Volume 10 Issue 9	PP 51-54	CS-LHR	-	2	Published
39	A Context-Aware Encryption Protocol Suite for Edge Computing based IoT Devices	Dar, Z., <b>Ahmad, A.</b> , Khan, F., <b>Zeshan, F.</b> , Iqbal, R., Sherazi, H., and Bashir, A	Journal of Supercomputing.	VOL. 76, Issue 1	pp. 2548-2567	CS-LHR	2.469	2	Published
40	A methodology for Sender-Oriented Anti-Spamming	<b>Ahmad, A.</b> , Azhar, A., Naqvi, S., Nawaz, A., Arshad, S., and <b>Zeshan, F</b>	Journal of Intelligent & Fuzzy Systems	Vol. 38, Issue 3	pp. 2765-2776	CS-LHR	1.851	2	Published

41	Factors Contributing in Failures of Software Projects	Hamid, M., <b>Zeshan, F., Ahmad, A.,</b> and Aimeur, E	International Journal of Computer Science and Network Security	Vol. 19, Issue 5	pp. 62-77	CS-LHR		2	Published
42	A relation-aware multiparty access control	<b>Ahmad, A.,</b> Whitworth, B., <b>Zeshan, F.,</b> Janczewski, L., Ali, M., Chaudary, M. H., and Friedman, R.	Journal of Intelligent and Fuzzy Systems	Vol. 37, Issue 1	pp. 227-239	CS-LHR	1.85	2	Published
43	Context-Aware Ontology and Web Services Discovery for Distributed Embedded Real-Time Systems	<b>Zeshan, F.,</b> Mohamad, R., Ahmad, N. Othman, M. B., Elhag, A., <b>Hussain, S. A., Ahmad, A., Ali, A.,</b> Ashraf, M., Babar, I.	Malaysian Journal of Computer Science	Vol. 32, Issue 3	pp. 186-208	CS-LHR	0.723	4	Published
44	A qualitative analysis of context-aware ubiquitous learning environments using Bluetooth beacons	Ahmed, S., Javaid, S., Niazi, M.F., Alam, A., <b>Ahmad, A.,</b> Baig, M. A., Khan, H. K & Ahmed, T.	Technology Pedagogy and Education	Vol. 28, Issue 1	pp. 53-71	CS-LHR	1.481	1	Published
45	A survey of local differential privacy for securing internet of vehicles	Ping Zhao, Guanglin Zhang, Shaohua Wan, Gaoyang Liu, <b>Tariq Umer</b>	The Journal of Supercomputing	Volume 2019,	76:8391–8412	CS-LHR	2.469	1	Published
46	"Diagnosis and recognition of grape leaf diseases: An automated system based on a novel saliency approach and canonical correlation analysis based multiple features fusion."	Adeel, Alishba, Muhammad Attique Khan, Muhammad Sharif, Faisal Azam, Jamal Hussain Shah, <b>Tariq Umer,</b> and Shaohua Wan	Sustainable Computing: Informatics and Systems	Volume 24	pp: 1003-49	CS-WAH	1.8	6	Published



47	Q-learning-enabled channel access in next-generation dense wireless networks for IoT-based eHealth systems	Rashid Ali, Yazdan Ahmad Qadri, Yousaf Bin Zikria, <b>Tariq Umer</b> , Byung-Seo Kim, Sung Won Kim	EURASIP Journal on Wireless Communications and Networking	Vol: 2019, Issue: 1	pp: 1-12	CS-WAH	1.4	1	Published
48	Quality of service in IoT protocol as designs and its verification in PVS	Muhammad Saqib Nawaz, Meng Sun, Basit Shahzad, M Ikram Ullah Lali, <b>Tariq Umer</b> , Shaohua Wan	Transactions on Emerging Telecommunications Technologies	Volume 2019	<a href="https://doi.org/10.1002/ett.3742">https://doi.org/10.1002/ett.3742</a>	CS-WAH	1.25	1	Published
49	Stateful human-centered visual captioning system to aid video surveillance	Summra Saleem, Aniq Dilawari, Usman Ghani Khan, Razi Iqbal, Shaohua Wan, <b>Tariq Umer</b>	Computers & Electrical Engineering	Vol: 78	<a href="#">108-119</a>	CS-WAH	2.189	1	Published
50	Efficient sizing and placement of distributed generators in cyber-physical power systems	Faheem Ud Din, Ayaz Ahmad, Hameed Ullah, Aimal Khan, <b>Tariq Umer</b> , Shaohua Wan	Journal of Systems Architecture	97	pp. 197-207	CS-WAH	2.552	4	Published
51	An edge computing-enabled computation offloading method with privacy preservation for internet of connected vehicles	Xiaolong Xu, Yuan Xue, Lianyong Qi, Yuan Yuan, Xuyun Zhang, <b>Tariq Umer</b> , Shaohua Wan	Future Generation Computer Systems	96	pp 89-100	CS-WAH	4.639	1	Published



46	How Volunteering Affects the Offender's Behavior	<b>Momina Shaheen,</b> Tayyaba Anees, Muhammad Imran Manzoor, <b>Shuja Akbar,</b> <b>Iqra Obaid,</b> Aimen Anum	International Journal of Advanced Computer Science and Applications(IJACSA)	Vol: 10, Issue: 4	430-439	CS-LHR	0.71	3	Published
47	Spatial Video Forgery Detection and Localization using Texture Analysis of Consecutive Frames	Mubbashar Saddique, Khurshid Asghar, <b>Usama Ijaz Bajwa,</b> Muhammad Hussain, <b>Zulfiqar Habib</b>	Advances in Electrical and Computer Engineering	Vol: 19, Issue: 03	pp. 97-108	CS-LHR	0.65	2	Published
48	Automated and Reliable Brain Radiology with Texture Analysis of MRI and Cross dataset Validation	Ghulam Gilanie, <b>Usama Ijaz Bajwa*</b> , Mustansar Mahmood Waraich, <b>Zulfiqar Habib</b>	International Journal of Imaging Systems and Technology	Volume 29, Issue 4	pp. 531-538	CS-LHR	1.423	2	Published
49	Computer Aided Diagnosis of Brain Abnormalities Using Texture Analysis of MRI Images	Ghulam Gilanie, <b>Usama Ijaz Bajwa*</b> , Mustansar Mahmood Waraich, <b>Zulfiqar Habib</b>	International Journal of Imaging Systems and Technology	Volume 29, Issue 3	pp. 260-271	CS-LHR	1.423	2	Published
50	Edge-Texture Feature based Image Forgery Detection with Cross Dataset Evaluation	Khurshid Asghar, Xianfang Sun, Paul L. Rosin, Mubbashar Saddique, Muhammad Hussain, <b>Zulfiqar Habib</b>	Machine Vision and Applications	Vol: 30, Issue: 7-8	pp: 1243-1262	CS-LHR	1.788	1	Published
51	A Path-Planning Performance Comparison of RRT*-AB with MEA* in a 2-Dimensional Environment	Iram Noreen, Amna Khan, Khurshid Asghar, <b>Zulfiqar Habib</b>	Symmetry	Vol: 11, Issue: 7	pp: 945	CS-LHR	2.143	1	Published

52	Robust Video Content Authentication using Video Binary Pattern and ELM	Mubbashar Saddique, Khurshid Asghar, Tariq Mehmood, Muhammad Hussain, <b>Zulfiqar Habib</b>	International Journal of Advanced Computer Science and Applications	Vol: 10, Issue: 8	pp: 264-269	CS-LHR	1.3	1	Published
53	Detecting Spam Reviews through Spammer's Behavioral Analysis	N. Hussain, <b>H. T. Mirza*</b> , and I. Hussain	ADCAIJ: Advances in Distributed Computing and Artificial Intelligence Journal	Vol: 8, Issue: 2	61-71	CS-LHR	ESCI	1	Published
54	Performance Evaluation of Zone-Based Routing with Hierarchical Routing in Wireless Sensor Networks	Rab Nawaz Jadoon, WuYang Zhou, Iftikhar Ahmed Khan, Muhammad Amir Khan, <b>Shahbaz Akhtar Abid</b> , and Nauman Ali Khan	Wireless Communications and Mobile Computing, Wiley/Hindawi	Vol: 2019	pp: 10	CS-LHR	1.39	1	Published
55	An improved method to deploy Cache Servers in Software Defined Network-based Information Centric Networking for Big Data	Jan Badshah, Nadir Shah, Muhammad Kamran, <b>S. A. Abid</b>	Journal of Grid Computing, Springer	Vol 17/2	255-277	CS-LHR	2.8	1	Published
56	GREEN SDN - An Enhanced Paradigm of SDN: Review, Taxonomy & Future directions	<b>S.A. Abid</b> et al	Concurrency and Computation: Practice and Experience, Wiley, 2019	e5086- Special Issue 2019	<a href="https://doi.org/10.1002/cpe.5086">https://doi.org/10.1002/cpe.5086</a>	CS-LHR	1.167	1	Published
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58									
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1. Khan, M.A., Qureshi, M.A., Raza, I. and Hussain, S.A., 2019, April. EECPEI: energy-efficient clustering protocol based on energy intervals for wireless sensor networks. In Proceedings of the International Conference on Information and Communication Technology (pp. 113-119). ACM.
2. S. Ashraf, O. Javed, M. Adeel, H. Iqbal, and **R. Nawab** (2019) "Bots and Gender Prediction Using Language Independent Stylometry-based Approach", Working Notes of CLEF 2019 - Conference and Labs of the Evaluation Forum.
3. Fatima Tariq, Nadia Kanwal, Mohammad Sammar Ansari, Ayesha Afzaal, Mamoona Naveed Asghar, **Muhammad Junaid Anjum** (2019), "Towards a Privacy Preserving Surveillance Approach for Smart Cities ", 3rd SMART CITIES SYMPOSIUM, Bahrain (Virtual Event), 21-23 September.

4. **Momina Shaheen**, Tayyaba Anees, Nisar Hussain, **Iqra Obaid** (2019), "A Research on SOA in the IT Industry of Pakistan", ICCTA 2019 Proceedings of the 2019 5th International Conference on Computer and Technology Istanbul, Turkey — April 16 - 17, 2019 Applications, pp: 149-154, Standard: 978-1-4503-7181-0
5. Khurram Ejaz, Mohd Shafy Mohd Rahim, **Usama Ijaz Bajwa**, Nadim Rana and Amjad Rehman, "An Unsupervised Learning With Feature Approach for Brain Tumor Identification and Segmentation Using Magnetic Resonance Imaging", in Proceedings of 9th International Conference on Bioscience, Biochemistry and Bioinformatics (ICBBB 2019), Singapore
6. Noor, Syam, Muhammad Hasham, **Zulfiqar Habib**, and **Allah Bux Saragano**. "Real-Time Rehabilitation and Fitness System using Depth Sensor", International Conference on Frontiers of Information Technology (FIT), ISSN: 2334-3141, pp. 215-2155. IEEE, 2019, <https://doi.org/10.1109/FIT47737.2019.00048>.
7. Akemi Galvez-Tomida, Andres Iglesias Prieto, Hassan Ugail, Lihua You, Habibollah Haron and **Zulfiqar Habib**, "Firefly Algorithm Approach For Rational Bezier Border Reconstruction of Skin Lesions from Macroscopic Medical Images", 13th International Conference on Software, Knowledge, Information Management and Applications, Island of UKULHAS, Maldives, IEEE Computer Society Press, USA, August 26-28, 2019, pp. 1-8, <https://doi.org/10.1109/SKIMA47702.2019.8982465>.
8. Ehtzaz Chaudhry, Jian Chang, Hassan Ugail, Alexander Malyshev, Alfonso Carriazo, Andres Iglesias, **Zulfiqar Habib**, **Allah Bux Sargano**, Habibollah Haron, Algirdas Noreika, Lihua You and Jian Jun Zhang, "Modelling and Simulation of Lily flowers using PDE Surfaces", 13th International Conference on Software, Knowledge, Information Management and Applications, Island of UKULHAS, Maldives, IEEE Computer Society Press, USA, August 26-28, 2019, pp. 1-8, <https://doi.org/10.1109/SKIMA47702.2019.8982402>.
9. Muhammad Awais Shoukat, **Allah Bux Sargano**, **Zulfiqar Habib**, Lihua You, "An automatic cluster-based approach for depth estimation of single 2D images", 13th International Conference on Software, Knowledge, Information Management and Applications (SKIMA), Island of UKULHAS, Maldives, IEEE Computer Society Press, USA, August 26-28, 2019, pp. 1-8, <https://doi.org/10.1109/SKIMA47702.2019.8982472>.