Annual Research Productivity (Jan-Dec) 2016

Department of CS, COMSATS Lahore Campus

S.No	Title	Authors	Journal Name	Volume/Issue	Page/ Article ID	IF/ISI
1	A systematic literature review on software measurement programs	**Touseef Tahir, Ghulam Rasool ,** Cigdem Gencel	Information and Software Technology	Volume 73	Pages 101–121	1.569
2	THERMAL PREDICTION MODELS FOR VIRTUALIZED DATA CENTER SERVERS BY USING THERMAL-PROFILES	**Tayyab Chaudhry**, Chun Yong Chong, T.C. Ling, Saim Rasheed and Jongwon Kim	Malaysian Journal of Computer SCIENCE	Vol. 29, No. 1	Pages: 1-14	*0.405*
3	The role of facial asymmetry in recognizing age-separated face images	Muhammad Sajid , Imtiaz Ahmad Taj, **Usama Ijaz Bajwa**, Naeem Iqbal Ratyal	Computers & Electrical Engineering	Volume 54(2016)	Pages 255–270	0.817
4	Visual object tracking—classical and contemporary approaches	Ahmad Ali, Abdul Jalil , Jianwei Niu , Xiaoke Zhao , Saima Rathore, Javed Ahmed ,**Muhammad Aksam Iftikhar**	Frontiers of Computer Science	Volume 10, Issue 1	Pages. 167-188	0.434

5	Copy-Move and Splicing Image Forgery Detection and Localization: A Review	Khurshid Asghar, **Zulfiqar Habib**, Muhammad Hussain	Australian Journal of Forensic Sciences	DOI: 10.1080/0045061 8.2016.1153711	Pages 1-27	**0.833**
6	A fast Approach for finding Design Repeat in Textile Rotary printing for Fault detection	Abdul Qayum, **Mudasser Naseer**	The Journal of The Textile Institute	Online published in January. Print version will be available in June.	DOI: 10.1080/ 00405000.2 015. 1135579	0.722
7	Chinese-based Spearcons: Improving Pedestrian Navigation Performance in Eyes-Free Environment	I. Hussain, L. Chen, **H.T. Mirza**, L. Wang, G. Chen and I. Memon	International Journal of Human-Computer Interaction (IJHCI), Taylor & Francis	Vol: 1, Issue: 1	pp: 1-30	0.850
8	Considering the effect of biomass energy consumption on economic growth: fresh evidence from BRICS region	**Shahbaz, Muhammad, Ghulam Rasool,** Khalid Ahmed, and Mantu Kumar Mahalik	Renewable and Sustainable Energy Reviews	Vol 60	1442-1450	6.798
9	Novel structural descriptors for automated colon cancer detection and grading	Saima Rathore, Mutawarra Hussain, **Muhammad Aksam Iftikhar**, Abdul Jalil	Computer methods and programs in biomedicine	Volume 121, Issue 2	pp. 92-108	1.897
10	CBISC: A novel approach for Colon Biopsy Image Segmentation and Classification	Saima Rathore, **Muhammad Aksam Iftikhar**	Arabian Journal of Science and Engineering	DOI: 10.1007/s13369-016-2187-2	pp 1–16	0.367

11	An IR-based Approach Utilising Query Expansion for Plagiarism Detection in MEDLINE	**R. Nawab**, M. Stevenson and P. Clough	IEEE/ACM Transactions on Computational Biology and Bioinformatics	Volume:PP , Issue: 99)	PP: 1-9	1.438
12	Statistical Machine Translation of Indian Languages: A Survey	N Khan, W Anwar, **U I Bajwa**, F Ahmad	Neural Computing and Applications	–	-	1.569
13	A Lightweight Approach for Detection of Code Smells	**Ghulam Rasool** , Zeeshan Arshad	Arabian Journal for Science and Engineering	Ref.: Ms. No. AJSE-D-15-04237R4	pp 1-24	0.728
14	A Comparative Study of Land Cover Classification by Using Multispectral and Texture Data,	S Qadri, DM Khan, **Farooq Ahmad,** Syed Furqan et al.	BioMed Research International	Volume 2016 (2016) Article ID 8797438	Pages 1-12	**1.579**
15	COUNTER - COrpus of Urdu News TExt Reuse	**M. Sharjeel, R. Nawab**, P. Rayson	Language Resources and Evaluation	Vol 1/Issue 4	pp 1–27	0.975
16	Merge-and-forward: a cooperative multimedia transmissions protocol using RaptorQ codes	Muhammad Talha Gul, **Amjad Ali,** Deepak Kumar Singh, Umera Imtinan, **Imran Raza, Syed Asad Hussain,** Doug Young Suh, and Jong-wook Lee.	IET Communications	Issue 10, no. 15	Pages 1884-1895.	0.624
17	Exploiting Semantics of Temporal Multi-Scale Methods to Optimize Multi-Level Mesh Partitioning	**M. Hasan Jamal,** Arun Prakash, Milind Kulkarni	*International Journal for Numerical Methods in Engineering (IJNME)*	–	–	2.1

18	Hierarchical Coloured Petri Net based Random Direction Mobility Model for Wireless Communications,	Naeem Akhtar Khan, **Farooq Ahmad, Syed Asad Hussain,** Mudasser Naseer	KSII Transactions on Internet and Information Systems	Vol. 10, No.8	pp. 3656-3671	0.365
19	ZigBee's Received Signal Strength and Latency Evaluation under Varying Environments	H. H. R. Sherazi, Razi Iqbal, Sana Ul Hassan, **M. H. Chaudary**, and Syed Asfandyar Gilani	Hindawi Publishing Corporation, Journal of Computer Networks and Communications	Vol 2016	Pages 1-8	1.30
20	On Complete Coverage Path Planning Algorithms for Non-holonomic Mobile Robots: Survey and Challenges	Amna Khan, Iram Noreen, **Zulfiqar Habib**	Journal of Information Science and Engineering	Vol: 33, Issue: 1	1-23	0.333
21	Automatic Enhancement of Digital Images using Cubic Bézier Curve and Fourier Transformation	Khurshid Asghar, Ghulam Gilanie, Mubbashar Saddique, **Zulfiqar Habib**	Malaysian Journal of Computer Science	-	-	0.405
22	Human Action Recognition from Multiple Views Based on View Invariant Feature Descriptor Using Support Vector Machine	**Allah Bux Sargano**, Plamen Angelov, **Zulfiqar Habib**	Applied Sciences	Vol: 6, Issue: 10	309	1.726

23	Optimal Path Planning using RRT* Based Approaches: A Survey	Iram Noreen, Amna Khan, **Zulfiqar Habib**	International Journal of Advanced Computer Science and Applications,	Vol: 7, Issue: 11	pp: 97-107	1.324
24	A Comparison of RRT, RRT* and RRT*-Smart Path Planning Algorithms	Iram Noreen, Amna Khan, **Zulfiqar Habib**	International Journal of Computer Science and Network Security	Vol 16-Issue 10	PP 20-27	1.44
25	Impact of Cognition on User Authentication Scheme in Vehicle using Fuzzy Logic and Artificial Neural Network	Yousaf Saeed, Khalil Ahmed, Mahi Lohi, Sagheer Abbas, **Atifa Athar**	International Journal of Computer Science and Information Security	Vol. 14 No. 10	pp. 285-296	0.519
26	Simulation, Modeling and Analysis of Master Node Election Algorithm Based on Signal Strength for VANETs through Colored Petri nets	**Syed Asad Hussain**, Naeem Akhtar Khan, Ayesha Sadiq, **Farooq Ahmad**	Neural Computing and Applications	Vol 27 Issues 142	pp 1–17	1.492
27	Intelligent Agent Navigation using Bluetooth Based Ad Hoc Communication	Sagheer Abbas, Bilal Nawaz, **Atifa Athar**, Yousaf Saeed, Wasim Ahmad Khan	International Journal of Computer Science and Information Security	Vol. 14 No. 11	-	**0.519**
28	A survey of P2P content sharing in MANETs	Nadir Shah, **S.A. Abid,** Depei Qian, Waqar Mehmood[a]	Computers & Electrical Engineering	Volume 57 Issue 1	Pages 55–68	1.084

29	OWLMap: Fully Automatic Mapping of Ontology into Relational Database Schema	**Humaira Afzal, Mahwish Waqas,** Tabbassum Naz	(IJACSA) International Journal of Advanced Computer Science and Applications,	Volume 7 Issue 11	PP- 7-15	0.63
30	A survey on search results diversification techniques	Abid, A., Hussain, N., Abid, K., **Farooq Ahmad**., Farooq, M. S., Farooq, U. & Sabir, N	Neural Computing and Applications	27/5	1207–1229	1.49
31	Modeling and Simulation of Improved Random Direction Mobility Model for Wireless Networks using Colored Petri Nets	NA Khan, **Farooq Ahmad**	*Simulation: Transactions of the Society for Modeling and Simulation International*	92/4	323–336	0.640
32	Analyzing reader's behavior in downloading articles from IEEE digital library: A study of two selected journals in the field of education	**Muhammad Salman Khan,** Muhammad Younas	Scientometrics	Accepted (In press)	-	2.084

33	Business process analysis: a process warehouse-based resource preference evaluation method	**A Sohail,** PDD Dominic, K Shahzad	International Journal of Business Information Systems	Vol 21 Issue (2)	137-161	0.72
34	Smart Navigation System For Buses With Location for Pakistan	**S.Rizwan**	Advances in Social Sciences Research	Vol 3, No 6 (2016)	175-183	-
35	ZigBee's Received Signal Strength and Latency Evaluation under Varying Environments	H. H. R. Sherazi, Razi Iqbal, Sana Ul Hassan, **M. H. Chaudary**, and Syed Asfandyar Gilani	Hindawi Publishing Corporation, USA, Journal of Computer Networks and Communications	Volume 2016 (2016)	8 pages	ISI

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