

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: 10.1080/00450618.2016.1153711	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: 10.1080/00405000.2015.1135579	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 MED-LINE	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 , Zee-shan 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	<i>International Journal for Numerical Methods in Engineering (IJNME)</i>	-	-	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	<i>Simulation: Transactions of the Society for Modeling and Simulation International</i>	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

BOOK CHAPTER

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Process warehouse based agent's competencies measurement method for business process improvement

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Computer and Information Sciences (ICCOINS), 2016 3rd International ...

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