

9	the Effect of LUT Size on the Area and Power Consumption of a Novel Memristor-Transistor Hybrid FPGA Architecture	M. Hassan Aslam, Umer Farooq, M.Naeem Awais, M. Khurram Bhatti, Naeem Shehzad	Arabian Journal for Science and Engineering	41	15-Jan	EE	0.728	4	published
10	A Novel FPGA Architecture using Memristor-Transistor Hybrid Approach	M. Hassan Aslam, Umer Farooq	Journal of Electronic Systems	5(3)	101-116	EE		2	published
11	Antenna Miniaturization using Pulp Fibers as a Substrate for Dual Band Operation	Asim A. Khan, et. al.	Microwave & Optical Technology Letters	58/9	2146-2148	EE/LHR	IF	Dr. Asim Ali Khan, Dr.Aamir Razzaq, Engr.Jawad Ali.	
12									
13	A machine vision system for quality inspection of pine nuts	Ikramullah Khosa, Eros Pasero	International Journal of Advance Computer Science and Applications (IJACSA)	9-Jul	253-267	EE-Lahore	ISI	1	
14	Secure On-Chip Communication Architecture for Reconfigurable Multi-Core Systems	Ahmed Saeed, Ali Ahmadinia, Mike Just	Journal of Circuits, Systems, and Computers	Volume 25, Issue 08	1650089	EE-Lahore	0.308	Ahmed Saeed	
15	Intelligent Energy Efficient Localization Using Variable Range Beacons in Industrial Wireless Sensor Networks	Muhammad Farooq-i-Azam, Qiang Ni, Ejaz Ansari	IEEE Transactions on Industrial Informatics	PP/99	IEEE Early Access	EE-Lahore	4.708	Muhammad Farooq-i-Azam, Ejaz Ansari	
				IEEE Early Access*					
16	Structural and impedance spectroscopic studies of CuO-doped (K _{0.5} Na _{0.5} Nb _{0.995} Mn _{0.005} O ₃) lead-free piezoelectric ceramics	Ahmed Kamal, Muhammad Nadem Rafiq, et. all	Applied Physics A	122	1037 / 10.1007/s00339-016-0564-z	EE/Lahore	IF 1.694	Muhammad Nadeem Rafiq	
17	Scheduling of Parallel Tasks with Proportionate Priorities	Muhammad Khurram Bhatti, Isil Oz, Konstantin Popov, Mats Brorsson, Umer Farooq	Arabian Journal of Science and Engineering	41/8	3279-3295	EE		1	
	Reliable H8 control of 2-D continuous		Journal of the Franklin						

18	nonlinear systems with time varying delays	Imran Ghous, Zhengrong Xiang	Institute (Elsevier)	352/12	5758-5778	EE	2.39	1	published
19	H8 control of a class of 2-D continuous switched delayed systems via state-dependent switching	Imran Ghous, Zhenrrong Xiang	International Journal of Systems Science (Taylor & Francis)	47/2	300-313	EE	1.947	1	published
20	State Feedback L ₁ -Gain Control of Positive 2-D Continuous Switched Delayed Systems Via State-Dependent Switching	Imran Ghous, Shipai Huang, Zhengrong Xiang	Circuits, Systems, and Signal Processing (Springer)	35/7	2432-2449	EE	1.178	1	published
21	H _∞ Control of 2-D Continuous Markovian Jump Delayed Systems with Partially Unknown Transition Probabilities	Imran Ghous, Zhengrong Xiang.	Information Sciences (Elsevier)		274-291	EE	3.364	1	published
22	Intelligent Intrusion Detection for Low Power IoTs	Ahmed Saeed, Ali Ahmadinia, Abbas Javed, Hadi Larjani	ACM Transactions on Internet Technology	Volume 16, Issue 04	27	EE-Lahore	1.8	1	
23	On the Correlation of Sensor Location and Human Activity Recognition in Body Area Networks (BANs)	M. U. S. Khan; A. Abbas; M. Ali; M. Jawad; S. U. Khan; K. Li; A. Y. Zomaya	IEEE Systems Journal	99	http://ieeexplore.ieee.org/document/7604065/	EE-Lahore	2.114	1	Published
24	Wide Area Smart Grid Architectural Model and Control: A Survey	S. M. Ali, M. Jawad, B. Khan, C. A. Mehmood, N. Zeb, A. Tanoli, U. Farid, J. Glower, S. U. Khan	Renewable and Sustainable Energy Reviews: Elsevier	69	http://www.sciencedirect.com/science/article/pii/S1364032116302209	EE-Lahore	6.798	1	

25	Stochastic and Statistical Analysis of Utility Revenues and Weather Data Analysis for Consumer Demand Estimation in Smart Grids	S. M. Ali, A. MEHMOOD, B. Khan, M. Jawad, M. Asif M. Asif M. Chak	PLOS ONE Journal	6-Nov	http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0156849	EE-Lahore	3.2	1	
26	Exact feedback linearization-based permanent magnet synchronous generator control	S. M. Ali, M. Jawad, Feng Guo, A. Mehmood, B. Khan, J. Glower, and S. U. Khan,	International Transactions on Electrical Energy Systems	26	http://onlinelibrary.wiley.com/doi/10.1002/etep.2185/pdf	EE-Lahore	1.084	1	
27	Fabrication and characterization of piezoelectric nanogenerator based on Al/ZnO/Au structure	Mubeen Zafar, Muhammad Naeem Awais, Muhammad Asif, Amir Razaq, Gul Amin	Microelectronics International	Vol. 34 Iss: 1	35 - 39	EE-Lahore	0.519	3	
28	Resistive-switching and current-conduction mechanisms in F8BT polymer resistive switch	Muhammad Naeem Awais, Maria Mustafa, Muhammad Naeem Shehzad, Umer Farooq, Mirza Tariq Hamayun, Kyung Hyun Choi	Micro & Nano Letters	Vol. 11, Iss. 11	712-714	EE-Lahore	0.853	5	