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S.No.	Title	From Date	To Date	Period	Details
1.	Efficient Power Saving Routing Mechanism using APSSWS in Wireless Sensor Network	01-04-2019	02-04-2019	o4/2019	IJSRD International Journal of Scientific Research and Development, Vol 7, Issue 2.(ISSN: 2321 0613)
2.	Performance and analysis of Trans multiplexers using Decimator and Interpolator	01-01-2019	02-01-2019	o1/2019	Journal of Circuits, systems and Computers(JCSC),World Scientific Publishing Company, Vol.28,No.1,Jan 2019. . ISSN: 0218-1266 (Print): ISSN: 1793-6454 (Online)) (SCI Indexed) (IF:0.481)
3.	Performance Improvement of Hardware/Software Architecture for Real time Bio Application using MPSOC	01-08-2017	02-08-2017	2017	Special Issue on Soft Computing Techniques for Bio- Medical Signal Processing, Intelligent Automation and Soft Computing, Taylor and Francis, TSI Publisher, USA vol.23,no.16,pp.351-357,ISSN:1079-8587.2017.(SCI Indexed) (IF:0.34)
4.	Performance Comparison of Quantum Assisted Multiuser Detection with Classical Detection Methods	01-11-2016	02-11-2016	2016	Journal of Computational and Theoretical Nano science, American Scientific Publisher, Vol 13,2016. ISSN: 1546-1955 (Print): ISSN: 1546-1963 (Online)) (SCI Indexed) (IF:1.343)
5.	Performance Improvement of Hardware/Software Architecture for Real time Bio Application using MPSOC	27-09-2016	27-09-2016	2016	Special Issue on Soft Computing Techniques for Bio- Medical Signal Processing, Intelligent Automation and Soft Computing, Taylor and Francis, TSI Publisher,USA.(In Press) ISSN: 1079-8587 (Print) ISSN : 2326-005X (Online) (ISI Indexed) (IF:0.34)
6.	Elegant and practical method of FIR decimation using Comb filters in the field of Digital Signal Processing	16-05-2016	16-05-2016	2016	Journal Circuits and Systems(Scientific Research An academic publisher),2016.(In press) (ISSN: 2153-1285 (Print), 2153-1293 (Online)
7.	Dynamic Detection and Prevention of Clone Attack in Wireless Sensor Networks	10-05-2016	10-05-2016	2016	Wireless Personal Communications-An International Journal(Springer),DOI: 10.1007/s11277-016-3357-y,pp1-12, Netherlands, May 2016.(ISSN: 0929-6212 (Print) 1572-834X (Online)) (ISI Indexed) (IF:0.653)
8.	Design of Low Power Level Shifter Circuit with Sleep Transistor Using MultiSupply Voltage Scheme	01-05-2016	02-05-2016	2016	Circuits and Systems, vol. 7, no. 7, pp. 132-1139. ISSN: 2153-1293. DOI: 10.4236/ cs.2016/865071)
9.	Dynamic Detection and Prevention of Clone Attack in Wireless Sensor Networks	01-05-2016	02-05-2016	2016	Wireless Personal Communications-An International Journal(Springer),DOI:10.1007/s11277-016-3357-y,pp1-12, Netherlands.(ISSN: 0929-6212 (Print) 1572-834X (Online)) (SCI Indexed) (IF:0.653)

10.	An Efficient MAC management in WSN for Precision Agriculture	19-04-2016	20-04-2016	2016	International Conference on Innovations in Engineering and Technology(ICIET)-2016 organized by K.L.N College of Engineering, Madurai, Tamilnadu, India. Apr 2016
11.	Low Complexity Quantum Assisted Linear Multiuser Detection for DS CDMA System	05-04-2016	05-04-2016	2016	Asian Journal of Information Technology , Medwell Journals, Volume 13, Issue 4, Pakistan, 2016.(ISSN:1682-3915) (Scopus Indexed) (IF:0.183)
12.	Fuzzy based Secure Intrusion Detection System for Authentication in Wireless Sensor Networks	15-03-2016	15-03-2016	2016	Journal of Computational and Theoretical Nanoscience, American Scientific Publisher,2016. (In Press) ISSN: 1546-1955 (Print): ISSN: 1546-1963 (Online)) (ISI Indexed) (IF:1.343)
13.	Performance Comparison of Quantum Assisted Multiuser Detection with Classical Detection Methods	14-03-2016	14-03-2016	2016	Journal of Computational and Theoretical Nanoscience, American Scientific Publisher. (In Press) ISSN: 1546-1955 (Print): ISSN: 1546-1963 (Online)) (ISI Indexed) (IF:1.343)
14.	Performance Comparison of Quantum Assisted Multiuser Detection with Classical Detection Methods	14-03-2016	14-03-2016	2016	Journal of Computational and Theoretical Nanoscience, American Scientific Publisher. (In Press) ISSN: 1546-1955 (Print): ISSN: 1546-1963 (Online)) (ISI Indexed) (IF:1.343)
15.	Low Complexity Quantum Assisted Linear Multiuser Detection for DS CDMA System	09-03-2016	10-03-2016	2016	Asian Journal of Information Technology ,Medwell Journals, Volume 13, Issue 4, Pakistan, 2016.(ISSN:1682-3915) (Scopus Indexed) (IF:0.183)
16.	Fuzzy based Secure Intrusion Detection System for Authentication in Wireless Sensor Networks	01-03-2016	02-03-2016	2016	Journal of Computational and Theoretical Nano science, American Scientific Publisher, Vol 13. ISSN: 1546-1955 (Print): ISSN: 1546-1963 (Online)) (SCI Indexed) (IF:1.343)
17.	Reliable Data Aggregation in Wireless Sensor Network Using SVM based Failure Detection and Loss Recovery	12-01-2016	12-01-2016	2016	Journal of Experimental & Theoretical Artificial Intelligence(Taylor & Francis), DOI:10.1080/0952813X.2015.1132262 England ,Jan 2016.(ISSN: 0952-813X (Print), 1362-3079 (Online))(ISI Indexed) (IF:0.527)
18.	On Optimal Signal Detection Using Covariance Shaping Method	05-01-2016	06-01-2016	2016	International Journal of Communications, Vol 1,2016.(ISSN: 2367-8887)
19.	On Optimal Signal Detection Using Covariance Shaping Method	04-01-2016	04-01-2016	2016	International Journal of Communications, Vol 1,2016.(ISSN: 2367-8887)
20.	Reliable Data Aggregation in Wireless Sensor Network Using SVM based Failure Detection and Loss Recovery	01-01-2016	02-01-2016	2016	Journal of Experimental & Theoretical Artificial Intelligence(Taylor & Francis),DOI:10.1080/0952813X.2015.1132262England .(ISSN: 0952-813X (Print), 1362-3079 (Online))(SCI Indexed) (IF:0.527)
21.	Evaluating the Technical barriers of large scale Sustainable Wireless Sensor Network	09-12-2015	10-12-2015	2015	Resources Policy-The International Journal (Elsevier Science),England, Volume 46, pp134-141. (ISSN: 0301-4207) (SCI Indexed) (IF:2.288)

22.	Distributed Defense Mechanism for Clone Attacks based on Gravitational Search Algorithm(GSA) in WSN	01-12-2015	02-12-2015	2015	Technical Journal,published by University of North,Volume 9,Issue 4, Croatia.(ISSN:1846-6168,Online:1848-5588)
23.	Distributed Defense Mechanism for Clone Attacks based on Gravitational Search Algorithm(GSA) in WSN	01-12-2015	01-12-2015	2015	Technical Journal, published by University of North, Volume 9,Issue 4,Dec 2015, Croatia.(ISSN:1846-6168,Online:1848-5588)
24.	Evaluating the Technical barriers of large scale Sustainable Wireless Sensor Network	01-12-2015	01-12-2015	2015	Resources Policy-The International Journal (Elsevier Science), England, Volume 46, pp134-141, Dec 2015. (ISSN: 0301-4207) (ISI Indexed) (IF:2.288)
25.	A 8b 20ms/S 1.2v Digital Ramp Asynchronous SAR ADC Using MTS Algorithm in 0.13nm CMOS Process	01-11-2015	02-11-2015	2015	Revista Cientificafacultad De Ciencias Veterinarias , Venezuela Volume 25, Issue 05, pp. 21-27, ISSN: 0798-2259. (SCI Indexed)(IF:0.139)→
26.	Distributed Defense Mechanism for Clone Attacks based on Gravitational Search Algorithm in Wireless Sensor Networks	02-10-2015	03-10-2015	2015	Revista Cientificafacultad De Ciencias Veterinarias, Venezuela Volume 25, Issue 05, pp. 10-20, ISSN: 0798-2259. (SCI Indexed)(IF:0.139)
27.	A 8b 20ms/S 1.2v Digital Ramp Asynchronous SAR ADC Using MTS Algorithm in 0.13nm CMOS Process	01-10-2015	01-10-2015	2015	Revista Cientificafacultad De Ciencias Veterinarias , Venezuela Volume 25, Issue 05, pp. 21-27, ISSN: 0798-2259, 2015. (ISI Indexed)(IF:0.139)
28.	Distributed Defense Mechanism for Clone Attacks based on Gravitational Search Algorithm in Wireless Sensor Networks	01-10-2015	01-10-2015	2015	Revista Cientificafacultad De Ciencias Veterinarias, Venezuela Volume 25, Issue 05, pp. 10-20, ISSN: 0798-2259, 2015. (ISI Indexed)(IF:0.139)
29.	Comparison of Degree based and LEACH clustering technique in WSN	01-09-2015	01-09-2015	2015	International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.55, 2015. (Scopus Indexed) (IF:0.130)
30.	Comparison of Degree based and LEACH clustering technique in WSN	01-09-2015	02-09-2015	2015	International Journal of Applied Engineering Research, ISSN 0973-4562 Vol. 10 No.55.(Scopus Indexed) (IF:0.130)
31.	Efficient Estimation of Energy Bounds to Ensure Predictability in Clustered Sensor Networks	27-08-2015	27-08-2015	2015	”, International Journal of Applied Engineering Research (IJAER) Vol. 10 No.3 ,2015 .( ISSN 0973-4562)
32.	Energy Efficient Cluster based Scheduling Scheme for Wireless Sensor Networks	27-08-2015	27-08-2015	2015	The Scientific World Journal ”, Hindawi Publishing Corporation, United States ,Article ID: 185198,Volume 2015.(ISSN: Print 2356-6140 & online 1537-744X) (ISI Indexed) (IF:1.73)
33.	Performance Analysis of Classifier for Brain Tumor Detection and Diagnosis	27-08-2015	27-08-2015	2015	Computers and Electrical Engineering An International Journal (Elsevier Science), Volume 45, pp302-311, England, July 2015.(ISSN: 0045-7906) (ISI Indexed) (IF:0.965)

34.	An Effective Clustering Approach with Data Aggregation using Multiple Mobile Sinks for Heterogeneous WSN	27-08-2015	27-08-2015	2015	Wireless Personal Communications-An International Journal(Springer), DOI: 10.1007/s11277-015-2998-6, Netherlands, pp1-12, Aug 2015.(ISSN: 0929-6212 (Print) 1572-834X (Online)) (ISI Indexed) (IF:0.653)
35.	Computer Aided Brain Tumor Detection System using Watershed Segmentation Techniques	27-08-2015	27-08-2015	2015	International Journal of Imaging Systems and Technology- A Wiley Company, Volume 24,Issue 4,pp297-301, United States. Dec 2015.(ISSN: 1098-1098) (ISI Indexed) (IF:1.301)
36.	Evaluating the Technical barriers of large scale Sustainable Wireless Sensor Network	27-08-2015	27-08-2015	2015	Resources Policy-The International Journal(Elsevier Science),2015.(In Press)(ISSN: 0301-4207)
37.	An Effective Clustering Approach with Data Aggregation using Multiple Mobile Sinks for Heterogeneous WSN	10-08-2015	11-08-2015	2015	Wireless Personal Communications-An International Journal(Springer), DOI: 10.1007/s11277-015-2998-6, Netherlands,pp1-12.(ISSN: 0929-6212 (Print) 1572-834X (Online)) (SCI Indexed) (IF:0.653)
38.	Fault Tolerant Tree Management for Node Failures in Wireless Sensor Network	03-08-2015	03-08-2015	2015	Research Journal of Applied Sciences, Engineering and Technology 11(4): 440-446, 2015(ISSN: 2040-7459; e-ISSN: 2040-7467)
39.	Fault Tolerant Tree Management for Node Failures in Wireless Sensor Network	01-08-2015	02-08-2015	2015	Research Journal of Applied Sciences, Engineering and Technology 11(4): 440-446(ISSN: 2040-7459; e-ISSN: 2040-7467)
40.	Various topologies and Interconnect methods of Network on chip: A Survey	29-07-2015	29-07-2015	2015	Advances in Natural and Applied Sciences,Volume 9(5),May,2015.( ISSN:1995-0772).
41.	Identification and Alleviation of Node Replication Attacks in Wireless Sensor Networks: A Study	24-07-2015	24-07-2015	2015	StudyAdvances in Natural and Applied Sciences,Volume9(5), May,2015.( ISSN:1995-0772)
42.	Distributed Detection Of Clone Attacks In Wirelesssensor Networks Using RED-ABC Algorithm	20-07-2015	20-07-2015	2015	International Journal of Applied Engineering Research (IJAER) Vol. 10 No.5 ,2015 .( ISSN 0973-4562)
43.	Performance And Analysis Of Task Out-Of-Order Execution In Mpsocs	16-07-2015	16-07-2015	2015	International Journal of Applied Engineering Research (IJAER) Vol. 10 No.5 ,2015 .( ISSN 0973-4562)
44.	A Survey on Connected Dominating Sets (CDS)Both in the Wireless Sensor Networks and Wireless Ad Hoc Networks	15-07-2015	15-07-2015	2015	International Journal of Engineering Research & Technology (IJERT), Vol. 4 Issue 02, February-2015, (ISSN: 2278-0181)
45.	3D SRAM Architecture Using Coaxial TSV	08-07-2015	09-07-2015	2015	Indian Journal of Emerging Electronics in Computer Communications,Volume 2,Issue 1,2015.(ISSN: 2393-8366)
46.	Test against Scan Based	07-	07-	2015	International Journal of Applied Engineering Research

	Attacks on Secure ICs	07-2015	07-2015		(IJAER) Vol. 10 No.42 ,2015 .( ISSN 0973-4562)
47.	Survey on Security in Wireless Sensor Networks	06-07-2015	06-07-2015	2015	International Journal of Research(IJR),Volume 2, issue 3, March 2015.(ISSN: 2348-6848)
48.	Computer Aided Brain Tumor Detection System using Watershed Segmentation Techniques	01-07-2015	02-07-2015	2015	International Journal of Imaging Systems and Technology- A Wiley Company, Volume 24,Issue 4,pp297-301,United States.(ISSN: 1098-1098) (SCI Indexed) (IF:1.301)–
49.	Performance Analysis of Classifier for Brain Tumor Detection and Diagnosis	01-07-2015	02-07-2015	2015	Computers and Electrical Engineering An International Journal (Elsevier Science),Volume 45, pp302-311, England.(ISSN: 0045-7906) (SCI Indexed) (IF:0.965)
50.	Compliant Data-Centric Network Processing for Energy Economic Data Collection in Wireless Sensor Networks	01-06-2015	01-06-2015	2015	Indian Journal of Science and Technology,Volume 8,Issue 9,2015.(ISSN:0974-6846(print),0974-5645(online))
51.	A Game Theory Based Flexible Reconfigurable Multiprecision Multiplier	15-05-2015	15-05-2015	2015	International Journal of Applied Engineering Research (IJAER) Vol. 10 No.25 ,2015 .( ISSN 0973-4562)
52.	Comparision of Degree based and LEACH Clustering Technique in WSN	04-05-2015	06-05-2015	2015	International Conference on Advances in Applied Engineering and Technology, Syed Ammal Engineering College,Ramanathapuram,Tamilnadu,India, May 2015.
53.	Various topologies and Interconnect methods of Network on chip: A Survey	01-05-2015	02-05-2015	2015	International Journal of Advances in Natural and Applied Sciences, Volume 9(5),Jordan. (ISSN: 1995-0772).(Scopus Indexed) (IF:0.129)
54.	Identification and Alleviation of Node Replication Attacks in Wireless Sensor Networks: A Study	01-05-2015	02-05-2015	2015	Advances in Natural and Applied Sciences,Volume9(5), Jordan.( ISSN:1995-0772) (Scopus Indexed) (IF:0.129)
55.	In-Network Guaranteed Data gathering scheme for arbitrary node failures in Wireless Sensor Networks	08-04-2015	10-04-2015	2015	”, International Conference on Engineering Trends and Science & Humanities (ICETSH-2015) organized by Seventh sense research group &Imayam College of Engineering,Trichy,India.(2015)
56.	Performance And Analysis of Task Out-of-Order Execution In Mpsocs	01-04-2015	02-04-2015	2015	International Journal of Applied Engineering Research (IJAER) Vol. 10 No.5 , India .(ISSN 0973-4562) (Scopus Indexed)
57.	Distributed Detection Of Clone Attacks In Wireless Sensor Networks Using RED-ABC Algorithm	01-04-2015	02-04-2015	2015	International Journal of Applied Engineering Research (IJAER) Vol. 10 No.5 , India .(ISSN 0973-4562)(Scopus Indexed) (IF:0.130)
58.	A Game Theory Based Flexible Reconfigurable Multiprecision Multiplier	04-03-2015	05-03-2015	2015	International Journal of Applied Engineering Research (IJAER) Vol. 10 No.25 , India.(ISSN 0973-4562)(Scopus Indexed) (IF:0.130)
59.	Test against Scan Based Attacks on Secure ICs	03-03-2015	04-03-2015	2015	International Journal of Applied Engineering Research (IJAER) Vol. 10 No.42 , India.(ISSN 0973-4562)(Scopus Indexed) (IF:0.130)
60.	Efficient Estimation of Energy Bounds to Ensure	03-03-	04-03-	2015	International Journal of Applied Engineering Research (IJAER) Vol. 10 No.3 , India.(ISSN 0973-4562)(Scopus

	Predictability in Clustered Sensor Networks	2015	2015		Indexed) (IF:0.130)
<b>61.</b>	Compliant Data-Centric Network Processing for Energy Economic Data Collection in Wireless Sensor Networks	03-03-2015	04-03-2015	2015	Indian Journal of Science and Technology, Volume 8, Issue 9, India. (ISSN:0974-6846 (print), 0974-5645(online)) (Scopus Indexed)
<b>62.</b>	Survey on Security in Wireless Sensor Networks	02-03-2015	03-03-2015	2015	International Journal of Research(IJR), Volume 2, issue 3, India. (ISSN: 2348-6848)
<b>63.</b>	Performance Analysis of Multi Channel ADC using Mts Algorithm	11-02-2015	13-02-2015	2015	International Conference on Inter Disciplinary Research in Engineering and Technology (ICIDRET) organised by ASDF, Delhi, India. Feb 2015.
<b>64.</b>	Enhancement of Energy Efficient Data Gathering Scheme in WSN based on Correlation Techniques	10-02-2015	13-02-2015	2015	", International Conference on Inter Disciplinary Research in Engineering and Technology (ICIDRET) organised by ASDF, Delhi, India. Feb 2015.
<b>65.</b>	3D SRAM Architecture Using Coaxial TSV	02-02-2015	03-02-2015	2015	Indian Journal of Emerging Electronics in Computer Communications, Volume 2, Issue 1, India. (ISSN: 2393-8366)
<b>66.</b>	Fuzzy Logic Based Task Out-Of- Order Execution in MPSoCs	02-02-2015	03-02-2015	2015	International Journal of Advanced Information Science and Technology" Volume 34, Issue 34, pp 230-234, ISSN: 2319-2682.
<b>67.</b>	A Survey on Connected Dominating Sets (CDS) Both in the Wireless Sensor Networks and Wireless Ad Hoc Networks	02-02-2015	03-02-2015	2015	International Journal of Engineering Research & Technology (IJERT), Vol. 4 Issue 02, India (ISSN: 2278-0181)
<b>68.</b>	Energy Efficient Cluster based Scheduling Scheme for Wireless Sensor Networks	09-01-2015	10-01-2015	2015	The Scientific World Journal ", Hindawi Publishing Corporation, United States, Article ID: 185198. (ISSN: Print 2356-6140 & online 1537-744X) (SCI Indexed) (IF:1.73)
<b>69.</b>	A Secure 3way Routing protocols for Intermittently connected mobile Ad-hoc Networks	-	-	2014	The Scientific World Journal ", Hindawi Publishing Corporation Volume 2014. (ISSN: Print 2356-6140 & online 1537-744X) Annexure –I(7517)