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Networks

	All	Since 2016
Citations	357	350
h-index	8	8
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TITLE	CITED BY	YEAR
<p>A Novel Scheme of CMOS VCO Design with reduce number of Transistors using 180nm CAD Tool NRK R.Ravi, Muthukumaran.N International Journal of Applied Engineering Research (IJAER) 10 (14), 11934 ...</p>	72 *	2015
<p>The performances analysis of fast efficient lossless satellite image compression and decompression for wavelet based algorithm N Muthukumaran, R Ravi Wireless Personal Communications 81 (2), 839-859</p>	61	2015
<p>Hardware Implementation of Architecture Techniques for Fast Efficient Lossless Image Compression System RR N. Muthukumaran Wireless Personal Communications 90 (3), 1291–1315</p>	57	2016
<p>VLSI Implementations of Compressive Image Acquisition using Block Based Compression Algorithm RR Muthukumaran Narayanaperumal International Arab Journal of Information Technology (IAJIT) 12 (4), 333-339</p>	41	2015
<p>A novel local mesh color texture pattern for image retrieval system YR Charles, R Ramraj AEU-International Journal of Electronics and Communications 70 (3), 225-233</p>	16	2016
<p>Pioglitazone and the risk of bladder cancer: An Indian retrospective cohort study S Gupta, K Gupta, R Ravi, V Mehta, S Banerjee, S Joshi, B Saboo Indian journal of endocrinology and metabolism 19 (5), 639</p>	14	2015
<p>Novel trust based energy aware routing mechanism for mitigation of black hole attacks in MANET RT Merlin, R Ravi Wireless Personal Communications 104 (4), 1599-1636</p>	10	2019
<p>Survey on jamming wireless networks: Attacks and prevention strategies SR Ratna, R Ravi International Journal of Computer and Information Engineering 9 (2), 642-648</p>	9	2015
<p>A new feature selection algorithm for Efficient Spam Filtering using Adaboost and Hashing techniques KS Devi, R Ravi Indian Journal of Science and Technology 8 (13), 1-8</p>	6	2015
<p>An intelligent approach based on neuro-fuzzy detachment scheme for preventing jamming attack in wireless networks SR Ratna, R Ravi, B Shekhar Journal of Intelligent & Fuzzy Systems 28 (2), 809-820</p>	6	2015

TITLE	CITED BY	YEAR
Simulation based VLSI implementation of fast efficient lossless image compression system using Adjusted Binary Code & Golomb Rice Code N Muthukumaran, R Ravi World Academy of Science, Engineering and Technology 8 (9), 1603-1606	6	2014
A collaborative reputation-based vector space model for email spam filtering PM Paul, R Ravi Journal of Computational and Theoretical Nanoscience 15 (2), 474-479	4	2018
Quad Tree Decomposition Based Analysis of Compressed Image Data Communication for Lossy and Lossless Using WSN N Muthukumaran, R Ravi World Academy of Science, Engineering and Technology 8 (9), 1543-1549	4	2014
Mitigating denial of service attacks in wireless networks SR Ratna, R Ravi, B Shekhar International Journal of Advanced Research in Computer Engineering ...	4	2013
MPSO-SHM: Modified PSO based structural health monitoring system for detecting the faulty sensors in WSN S Surya, R Ravi Wireless Personal Communications 108 (1), 141-157	3	2019
Fabrication and characterization of electro-deposited Cu₂ZnSnS₄ thin film absorber layer for solar power engineering applications R Kabilan, TP Kumar, R Suman, MS Revathy, T Chitravel, R Ravi Chalcogenide Letters 16 (3), 137-141	3	2019
Deployment of backup sensors in wireless sensor networks for structural health monitoring S Surya, R Ravi 2018 2nd International Conference on Trends in Electronics and Informatics ...	3	2018
Energy consumption architecture for wireless sensor networks with different clusters K Praghash, R Ravi 2017 Third International Conference on Science Technology Engineering ...	3	2017
Early diagnosis of glaucoma using multi-feature analysis and DBN based classification DR Ajesh F Journal of Ambient Intelligence and Humanized Computing	2	2020
Multi feature behavior approximation model based efficient botnet detection to mitigate financial frauds MDA Dhaya, R Ravi Journal of Ambient Intelligence and Humanized Computing, 1-8	2	2020