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Research Publications

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| Dynamic detection and prevention of clone attack in wireless sensor networks
PU Maheswari, PG Kumar
Wireless Personal Communications 94 (4), 2043-2054 | 2017 |
| Fuzzy Based Secure Intrusion Detection System for Authentication in Wireless Sensor Networks
S Kamalesh, PG Kumar
Journal of Computational and Theoretical Nanoscience 14 (5), 2465-2472 | 2017 |
| Data aggregation in wireless sensor network using SVM-based failure detection and loss recovery
S Kamalesh, P Ganesh Kumar
Journal of ExpErimental & thEoretical artificial intElligEncE 29 (1), 133-147 | 2017 |
| An effective clustering approach with data aggregation using multiple mobile sinks for heterogeneous WSN
AM Krishnan, PG Kumar
Wireless Personal Communications 90 (2), 423-434 | 2016 |
| Elegant and Practical Method of Fir Decimation Using Comb Filters in the Field of Digital Signal Processing
SA Kumar, PG Kumar
Circuits and Systems 7 (9), 2476-2488 | 2016 |
| An efficient MAC management in WSN for precision agriculture
PG Kumar, DS Sabarinath
Advances in Natural and Applied Sciences 10 (10 SE), 167-173 | 2016 |
| Design of Low Power Level Shifter Circuit with Sleep Transistor Using MultiSupply Voltage Scheme
RA Prasath, PG Kumar
Circuits and Systems 7 (7), 1132-1139 | 2016 |
| On Optimal Signal Detection using Covariance shaping method
S Karthikeyan, PG Kumar, S Sasikumar
International Journal of Communications 1 | 2016 |
| Online Manuscript Access
RA Prasath, PG Kumar, E Sakthivel | 2016 |
| Distributed defense mechanism for clone attacks based on gravitational search algorithm (GSA) in WSN
PU Maheswari, PG Kumar
Tehnički glasnik 9 (4), 370-380 | 2015 |

<p>Distribuirani obrambeni mehanizmi za clone napade temeljeni na algoritmu za istraživanje gravitacije (GSA) u WSN</p> <p>PU Maheswari, PG Kumar Tehnički glasnik 9 (4), 370-380</p>	2015
<p>Computer aided brain tumor detection system using watershed segmentation techniques</p> <p>P Shanthakumar, P Ganesh Kumar International Journal of Imaging Systems and Technology 25 (4), 297-301</p>	2015
<p>Evaluating the technical barriers of large scale sustainable wireless sensor network: A resources approach</p> <p>ESV Janani, PG Kumar Resources Policy 46, 134-141</p>	2015
<p>Performance analysis of classifier for brain tumor detection and diagnosis</p> <p>P Shanthakumar, P Ganeshkumar Computers & Electrical Engineering 45, 302-311</p>	2015
<p>Compliant data-centric network processing for energy economic data collection in Wireless Sensor Networks</p> <p>ESV Janani, P Ganeshkumar Indian Journal of Science and Technology 8 (S9), 506-512</p>	2015
<p>Survey on security in Wireless Sensor Networks</p> <p>SK ME, PG Kumar International Journal of Research 2 (3), 245-254</p>	2015
<p>A Survey on Connected Dominating Sets (CDS) Both in the Wireless Sensor Networks and Wireless Ad Hoc Networks</p> <p>S Vijayasharmila, PG Kumar, S Kamalesh International Journal of Engineering Research and Technology 4 (02 (February ...</p>	2015
<p>Enhancement Of Energy Efficient Data Gathering Scheme In Wsn Based On Correlation Techniques</p> <p>AM Krishnan, PG Kumar Technology 175, 180</p>	2015
<p>Energy efficient cluster based scheduling scheme for wireless sensor networks</p> <p>E Srie Vidhya Janani, P Ganesh Kumar The Scientific World Journal 2015</p>	2015
<p>Distributed Defense Mechanism for Clone Attacks based on Gravitational Search Algorithm in Wireless Sensor Network</p> <p>PU Maheswari, PG Kumar REVISTA CIENTIFICA 25 (5)</p>	2015
<p>A 8b 20MS/s 1.2 V DIGITAL RAMP ASYNCHRONOUS SAR ADC USING MTS ALGORITHM IN 0.13 nm CMOS PROCESS</p> <p>RA Prasath, PG Kumar REVISTA CIENTIFICA 25 (5)</p>	2015