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Citations	443	157
h-index	11	8
i10-index	13	5

TITLE	CITED BY	YEAR
Distributed location and trust based replica detection in wireless sensor networks G Amudha, P Narayanasamy Wireless Personal Communications 102 (4), 3303-3321	4	2018
Analyzing the Network Performance of Various Replica Detection Algorithms in Wireless Sensor Network A Gunasekaran, P Narayanasamy Journal of Computational and Theoretical Nanoscience 15 (3), 989-994		2018
A three-pronged technique for the intelligent ranking of cloud service providers TE Trueman, P Narayanasamy International Journal of Business Information Systems 29 (3), 387-402		2018
Jansi, and P. Narayanasamy," Enhancing TCP Performance by detecting spurious RTO in Wireless Network," SV Rani International Journal of Applied Engineering Research 11 (4), 2651-2657	2	2016
Risk assessment of Hosting a Web Application on Cloud Infrastructure Providers TE Trueman, P Narayanasamy		2016
A Fuzzy based Ranking Framework for Ascertaining the Optimal Cloud Service Provider TE Trueman, P Narayanasamy Asian Journal of Research in Social Sciences and Humanities 6 (12), 882-895	1	2016
Reactive Face Geocast in Spatially Separated Wireless Sensor Network S Ravindran, P Narayanasamy Asian Journal of Research in Social Sciences and Humanities 6 (9), 349-366		2016
An Optimal Approach to Select Watchdogs using Secure Key management Schemes in Clustered Wireless Sensor Networks S Rajasoundaran, P Narayanasamy, S Kasirajan		2016
A Hybrid Secure Routing and Monitoring Mechanism using Authorized and Concealed Arbitrary Watchdogs in Wireless Sensor Networks S Rajasoundaran, P Narayanasamy Asian Journal of Research in Social Sciences and Humanities 6 (8), 960-985		2016
Ontological based interoperability and integration framework for heterogeneous weather systems R Kaladevi, G Geetha, P Narayanasamy Rev. Téc. Ing. Univ. Zulia 39 (1), 185-192	2	2016
Ensuring Privacy and Data Freshness for Public Auditing of Shared Data in Cloud TE Trueman, P Narayanasamy 2015 IEEE International Conference on Cloud Computing in Emerging Markets …	1	2015

TITLE	CITED BY	YEAR
Vertical Handover and Video Streaming Over Cloud in 4G Heterogeneous Overlay Wireless Networks P Vetrivelan, SS Maharajan, P Narayanasamy, CP Koushik, R Ratheesh, ... International Journal of Engineering and Technology (IJET) 7 (5)	1	2015
Enhancing the Performance Metrics by Using Genetic Algorithm A Gayathri, P Narayanasamy Research Journal of Applied Sciences, Engineering and Technology 10 (3), 344-349		2015
Security in MANET's by Using Detective Signature Techniques. A Gayathri, P Narayanasamy J. Comput. Sci. 11 (3), 526-533	2	2015
FAILURE PREDICTION BASED RELIABLE SCHEDULER FOR COMPUTATIONAL GRID WITH OPTIMAL ASSIGNMENT S Sathyalakshmi, P Narayanasamy, S Ramamoorthy International Journal of Pure and Applied Mathematics 101 (6), 839-849		2015
Cross-Layer Design of Power Assignment and Power Balance in Wireless Ad-hoc Networks A Arivoli, P Narayanasamy Proceedings of the International MultiConference of Engineers and Computer …		2015
Grid Based Opportunistic Geocast in Spatially Separated Wireless Sensor Networks S Ravindran, P Narayanasamy, VV Selvi Applied Mathematical Sciences 9 (48), 2393-2402		2015
Cross-layer design of a LOADPOWER control protocol - PW_{min} and PW_{max} transmission power assignment algorithm in wireless ad hoc networks A Arivoli, P Narayanasamy 2014 International Conference on Communication and Signal Processing, 1577-1582	2	2014
GAME-THEORETIC NASH-EQUILIBRIUM AND ECMDP-RANKING POLICIES FOR VERTICAL HANDOVER DECISION WITH EMERGENCY BRAKING IN VANETS. P VETRIVELAN, SS MAHARAJAN, P NARAYANASAMY Journal of Theoretical & Applied Information Technology 61 (1)		2014
Mobile sink based reliable and energy efficient data gathering technique for WSN P Madhumathy, D Sivakumar, NKS PUTRI, A HUDIARTO, ... Journal of theoretical and applied information technology 61 (1), 1-9	11	2014
C-LOAD POWER CONTROL PROTOCOL-CROSS-LAYER DESIGN OF A NETWORK LAYER LOAD POWER CONTROL PROTOCOL IN WIRELESS AD HOC NETWORKS A Arivoli, P Narayanasamy Journal of Computer Science 10 (3), 508		2014
An analytical approach to secured routing protocol using pre-key distribution in clustered wireless sensor networks SS Kasirajan, RVKM Kumar, SB Manoj, S Rajasoundaran, ... International Conference on Information Communication and Embedded Systems …		2014
A Critical Analysis of Women Buying Behaviour regarding Facial Skin Care Products A Mahesh, GP Dinesh Asian Journal of Research in Business Economics and Management 4 (10), 42-58		2014

TITLE	CITED BY	YEAR
A cross layer approach for improving TCP performance using channel access information SVJ Rani, P Narayanasamy, JJ Shiny 2013 International Conference on Communication and Signal Processing, 587-591	5	2013
Conference on Communication, Computing and Information Technology© 2013 by IJCA Journal ICCCMIT-Number 2 Year of Publication: 2013 P Vetrivelan, P Bhoopathi, P Narayanasamy		2013
Intelligent Rule Based QoS Aware Routing Protocols for MANET N Thangaraj, P Narayanasamy International Journal of Soft Computing 8 (4), 290-296		2013
Vertical handover decision in 4g heterogeneous vanets P Vetrivelan, P Narayanasamy, B Anitha, G Anusha, T Arvindan, ... International Journal of Soft Computing 8 (4), 283-289	3	2013
SMIRT with Call Admission Control (CAC) based vertical handover decision for seamless mobility in multi-access 4G heterogeneous wireless overlay networks P Vetrivelan, P Narayanasamy IMECS, Hong Kong	16	2012
The Model—Dynamic and flexible intrusion detection protocol for high error rate wireless sensor networks based on data flow S Janakiraman, S Rajasoundaran, P Narayanasamy 2012 International Conference on Computing, Communication and Applications, 1-6	14	2012
Application-oriented media independent vertical handover decision (AMIVHD) in 4G heterogeneous wireless networks P Vetrivelan, P Bhoopathi, P Narayanasamy The International Conference on Communication, Computing and Information …	3	2012
Multi-Interface Mobile Node in 4G Heterogeneous Wireless Networks P Vetrivelan, P Narayanasamy Asian Journal of Information Technology 11 (6-12), 276-284		2012
A dynamic intrusion detection on data flow at low data rate in wireless sensor networks S Janakiraman, S Rajasoundaran, P Narayanasamy European Journal of Scientific Research	2	2012
A multi-constraint real-time vehicular (MCRV) mobility framework for 4G heterogeneous vehicular ad-hoc networks P Vetrivelan, P Narayanasamy, JJ Charlas Proceedings of the International MultiConference of Engineers and Computer …	5	2012
Bettering TCP Performance of Transient Mobile Nodes in 802.11 Networks by ACK Caching JRS Velusami, P Narayanasamy, N Thangarajan International Conference on Computational Intelligence and Information …	1	2011
Coverage holes reduction in movable sensor networks using minimum movement technique KI Gandhi, P Narayanasamy, P Ushapreethi 2011 International Conference on Recent Trends in Information Technology …	6	2011

TITLE	CITED BY	YEAR
Energy-aware face geocast for wireless adhoc and sensor networks S Ravindran, P Narayanasamy 2011 3rd International Conference on Electronics Computer Technology 1, 6-10	2	2011
A cluster-based quad-tree partitioning for scheduling the mobile element in wireless sensor networks KI Gandhi, P Narayanasamy International Journal of Wireless Information Networks 18 (1), 50-55	3	2011
HETERGOGENOUS DEVICE CONTEXT AWARE INFORMATION DISSEMINATION G Kousalya, P Narayanasamy International Journal of Multimedia and Ubiquitous Engineering 6 (1), 1-20	1	2011
Mobile element scheduling for efficient data collection in wireless sensor networks: A survey KI Gandhi, P Narayanasamy Journal of Computer Science 7 (1), 114	5	2011
An integrated system for QoS provisioning in cellular networks NK Karthikeyan, P Narayanasamy 2010 IEEE Conference on Cybernetics and Intelligent Systems, 218-224	2	2010
A Mixed-Integer Cost Estimation Model for Scheduling the Mobile Element in Wireless Sensor Networks KI Gandhi, P Narayanasamy IJCSNS 10 (5), 286		2010
Self-Generated-Certificate Based Cryptographic Protocol with Lite Certificate Management MKP Anand, P Narayanasamy, DR Sekar, SD Samuel International Journal of Recent Trends in Engineering 1 (1), 501		2009
Optimization of Test Scheduling and Test Access for ITC-02 SOC Benchmark Circuits P Sakthivel, RD Babu, P Narayanasamy		2009
Time Critical Intrusion Detection System TP Saravanabavaa IJCSNS 8 (12), 7		2008
Trust-based evolutionary game model assisting AODV routing against selfishness K Komathy, P Narayanasamy Journal of Network and Computer Applications 31 (4), 446-471	57	2008
Converged PKI-based authorization, authentication management and delegation for an E-business KPM Anand, P Narayanasamy 2008 First International Conference on Distributed Framework and …	2	2008
Predictive handoff mechanism with real-time mobility tracking in a campus wide wireless network considering ITS G Kousalya, P Narayanasamy, JH Park, T Kim Computer Communications 31 (12), 2781-2789	15	2008
A Pre Handoff Mechanism to Reduce the Latency of IEEE 802.11 Wireless LANs G Kousalya, P Narayanasamy, TG Srinivasalu The International Congress for global Science and Technology 9 (16), 31		2008

TITLE	CITED BY	YEAR
Secure data forwarding against denial of service attack using trust based evolutionary game K Komathy, P Narayanasamy VTC Spring 2008-IEEE Vehicular Technology Conference, 31-35	11	2008
A novel mobility based bandwidth reduction algorithm in cellular mobile networks P Narayanasamy IJCSNS 8 (5), 62	6	2008
Energy-aware mobile element scheduling in wireless sensor networks KI Gandhi, P Narayanasamy 2008 3rd International Conference on Sensing Technology, 107-113	2	2008
Best neighbor strategy to enforce cooperation among selfish nodes in wireless ad hoc network K Komathy, P Narayanasamy Computer Communications 30 (18), 3721-3735	26	2007
Dynamic Call Admission Control for QoS Provisioning in Multimedia Wireless Networks G Kousalya, P Narayanasamy, JH Park, YH Kim, HJ Kang Future generation communication and networking (fgcn 2007) 1, 342-349	1	2007
Optimal bandwidth allocation for multimedia mobile networks using particle swarm optimization NK Karthikeyan, P Narayanasamy Proceedings of the 4th international conference on mobile technology …	2	2007
A probabilistic behavioral model for selfish neighbors in a wireless ad hoc network K Komathy, P Narayanasamy IJCSNS 7 (7), 77	16	2007
A combined framework on fuzzy based call admission control and optimized bandwidth allocation technique in cellular mobile networks NK Karthikeyan, P Narayanasamy International Journal of global Science and Technology-Automation, Control …	4	2007
Study of co-operation among selfish neighbors in manet under evolutionary game theoretic model K Komathy, P Narayanasamy 2007 International Conference on Signal Processing, Communications and …	21	2007
Design and Optimization of Test Solutions for Core-based System-On-Chip Benchmark Circuits Using Genetic Algorithm. P Sakthivel, P Narayanasamy World Congress on Engineering, 249-254		2007
Determination of some physical and thermal characteristics of moabi B Bonoma, L Monkam, E Kaptouom Academic Open Internet Journal 20	2	2007
Denial of Service attack through compromised nodes in Mobile Ad-Hoc Networks RP Sam, BS Charles, PC Reddy, A Baskaran Kaliaperumal, E Jeyakumar, ...	1	2007
An approach to the design of optimal test scheduling for system-on-chip based on genetic algorithm P Sakthivel, P Narayanasamy Innovations and Advanced Techniques in Computer and Information Sciences and …	2	2007

TITLE	CITED BY	YEAR
[A novel task replica based resource scheduling algorithm in grid computing](#) N Kiran, V Maheswaran, M Shyam, P Narayanasamy International Conference on High Performance Computing	7	2007
[A Corrective Approach to Alleviate the Sellishness of Mobile Nodes Indulging in Packet Drop](#) K Komathy, P Narayanasamy 2006 International Symposium on Ad Hoc and Ubiquitous Computing, 82-87	2	2006
[Test Design and Optimization for Multiple Core Systems-On-a-Chip using Genetic Algorithm](#) P Sakthivel, P Narayanasamy IJCSNS 6 (10), 121		2006
[Strengthening ECDSA verification algorithm to be more suitable to mobile networks](#) K Komathy, P Narayanasamy 2006 International Multi-Conference on Computing in the Global Information …	6	2006
[Test scheduling optimization for globally asynchronous locally synchronous system-on-chip using genetic algorithm](#) P Sakthivel, P Narayanasamy Proceedings of the 10th WSEAS international conference on Circuits, 361-365		2006
[An Effective Approach for Distributed Meeting Scheduler](#) M Sugumaran, P Narayanasamy, KS Easwarakumar International Journal of Information Technology 12 (8), 73-92	2	2006
[Policy Based QoS Architecture for Media Streaming in UMTS](#) V Mariappan, P Narayanasamy Information Technology Journal 5 (6), 1000-1005	1	2006
[Strengthening Ecdsa to Be More Suitable to Mobile Networks](#) K Komathy, P Narayanasamy Asian Journal of Information Technology 5 (5), 549-554		2006
[Genetic algorithm-based design and optimization of SOC testsolutions.](#) P Sakthivel, P Narayanasamy WSEAS Transactions on Circuits and Systems 5 (8), 1212-1219	1	2006
[Dynamic resource management framework for wireless LAN](#) G Kousalya, P Narayanasamy Second IFIP International Conference on Wireless and Optical Communications …	1	2005
[Exchange rate and market microstructure in brazil](#) O De Medeiros, V Mariappan, P Narayanasamy Academic Open Internet Journal 14	13	2005
[DIGITAL COMMUNICATION FOR TELEMETRIC MULTI-NEURON RECORDINGS](#) V Geortchev, I Stoianov, R Krasteva, A Boneva, D Batchvarov, ... DIGITAL COMMUNICATION 16		2005
[QoS enabled dynamic handoff in wireless networks](#) V Mariappan, R Padhmapriya, P Narayanasamy IET Digital Library	2	2005
[Multipath power sensitive routing protocol for mobile ad hoc networks](#) AP Subramanian, AJ Anto, J Vasudevan, P Narayanasamy IFIP Working Conference on Wireless On-Demand Network Systems, 171-183	45	2004

TITLE	CITED BY	YEAR
Location Based Throughput Maximization Routing in Energy Constrained Mobile Ad Hoc Networks V Sumathy, P Narayanasamy, R Prabhu Journal of Computer Science	3	2004
A new approach for meeting scheduler using A*-algorithm M Sugumaran, KS Easwarakumar, P Narayanasamy TENCON 2003. Conference on Convergent Technologies for Asia-Pacific Region 1 …	3	2003
Dynamic IP reconfiguration in Stream Control Transmission Protocol A Kanungo, T Janani, P Narayanasamy IEEE TENCON 2003	3	2003
Analysis of hybrid heuristic model reduction algorithms for solving linear programming problems VC Jacob, TR Natesan, VR Uthariaraj, P Narayanasamy Opsearch 39 (3-4), 202-214	3	2002
AN ANALYSIS OF CONJUNCTIVE MODEL REDUCTION ALGORITHMS FOR SOLVING LINEAR PROGRAMMING PROBLEMS VC Jacob, TR Natesan, VR Uthariaraj, P Narayanasamy Proceedings Of The Third Asian Mathematical Conference 2000, 254-266		2002
Parallel genetic algorithm for performance-driven sequence alignment LA Anbarasu, V Sundararajan, P Narayanasamy Proceedings of the 3rd Annual Conference on Genetic and Evolutionary …	3	2001
Multiple molecular sequence alignment by island parallel genetic algorithm LA Anbarasu, P Narayanasamy, V Sundararajan Current Science, 858-863	48	2000
Multiple sequence alignment using parallel genetic algorithms LA Anbarasu, P Narayanasamy, V Sundararajan Asia-Pacific Conference on Simulated Evolution and Learning, 130-137	32	1998
Characterisation of virus affecting weeds. II. leaf curl disease [India]. V Mariappan, P Narayanasamy Madras Agricultural Journal	4	1977
Acanthospermum hispidum DC., a new host of tomato leaf curl virus. V Mariappan, P Narayanasamy Madras Agricultural Journal 59 (6), 355-357	2	1972
Concealed watchdog selection approaches for secure routing and monitoring in wireless sensor networks P Narayanasamy Chennai		
Enhancing transmission control protocol tcp performance in wireless networks P Narayanasamy Chennai		
Machine intelligence based reliable grid scheduler using system logs P Narayanasamy Chennai		