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Network Security
Cloud computing

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Bio-Key Generation for Integrity Checking Using Elliptic Curves in Fingerprint Verification System V V Rekha International Journal of Engineering and Advanced Technology 8 (6), 833		2019
Efficient Low Bit Rate Image Coder for Finger Print Image Compression VK V Rekha Journal of Information Science and Engineering 34 (6)		2018
Versatile Provisioning and workflow scheduling in WaaS under cost and deadline constraints for cloud computing VK Pon partheeban Trans Emrging Tel Tech, 1-16	7	2018
Efficient and optimal routing using ant colony optimization mechanism for wireless sensor networks V Kavitha, K Ganapathy Periodicals of Engineering and Natural Sciences 6 (1), 171-181	1	2018
Machine Vision based Agricultural Weed Detection and Smart Herbicide Spraying SM Raj, V Kavitha Indian Journal of Science and Technology 11 (23), 1-5		2018
Dynamic key Dependent AEs S-Box generation with Optimized Quality Analysis VK Pon partheeban Cluster Computing, 1-11	5	2018
Enhancement of data confidentiality and secure data transaction in cloud storage environment VK KL Neela Cluster Computing	5	2017
Proficient Decision Making on Virtual Machine Allocation in IaaS cloud Environment R Kavitha V International Arab journal of Information and Technology 14 (6)		2017
Privacy and Utility Preserving Data Clustering for Data Anonymization and Distribution on Hadoop VK J.Jesu Vedha Nayahi Future Generation Computer Systems	32	2017
Multiobjective Genetic Algorithm and Enhanced Fuzzy Peer Group Method for Medical Image Restoration C Akila, V Kavitha Journal of Medical Imaging and Health Informatics 6 (8), 1929-1933	1	2016

TITLE	CITED BY	YEAR
Color image restoration: a technical survey C Akila, V Kavitha Advances in Natural and Applied Sciences 10 (13), 183-195		2016
A Novel Cloud and Sensor Networks Integration Implementation Based On Authenticated Trust and Reputation Calculation & Management System V KAVITHA, K OBULESH		2016
Energy conservation in Cloud data centres by minimizing virtual machines migration through artificial neural network VK A. Radhakrishnan Computing, 1-18.	19	2016
Framework for securing data using Dynamic AES in Cloud Environment VK Pon partheeban International Conference on Knowledge based Computing technologies		2016
Decoupling consistent hashing from randomized Algorithm in A* Search VK Pon partheeban International Conference on Knowledge based Computing technologies		2016
Generating Dynamic key dependent S-Box in AES Block Cipher System. kavitha v pon partheeban International Conference on Knowledge based Computing Technologies		2016
Image segmentation based on colour and texture features C Mythili, V Kavitha International Journal of Enterprise Network Management 7 (3), 272-283		2016
Probabilistic Qos Aware Congestion Control in Wireless Multimedia Sensor Networks KV MuthuSelvi Circuits and Systems 7, 2081-2094	2	2016
Intrusion detection system using F-SVM based layered approach with enhanced MPSO feature selection algorithm BB Sujitha, V Kavitha Int J Adv Engg Tech/Vol. VII/Issue I/Jan.-March 93, 99	1	2016
An efficient clustering for anonymizing data and protecting sensitive labels JJV Nayahi, V Kavitha International Journal of Uncertainty, Fuzziness and Knowledge-Based Systems ...	9	2015
Hybrid Security Architecture for Personal Health Record Transactions in Cloud Computing S Balasubramaniam, V Kavitha Advances in Information Sciences and Service Sciences 7 (1), 121	3	2015
A study with security concerns in Service Delivery models of Cloud Computing PP Kavitha V International Journal of Applied Engineering Research 10 (21), 42219-42230	3 *	2015
A layered Approach for Intrusion Detection using PSO B kavitha V International Journal of Advanced Research in Computer Science 6 (8), 1-5	1	2015

TITLE	CITED BY	YEAR
A review on agent based Intrusion Detection System kavithav bensujitha Journal of Environmental Science, Computer Science and Engineering and ...		2015
Efficient Intrusion Detection System using Random Tree KV Deepa A.J International Journal of Enterprise Network Management.	4	2015
An efficient mechanism for protecting grid from attack using GSOC R Kalaiselvi, V Kavitha International Journal of Enterprise Network Management 6 (4), 312-323		2015
Layered approach for intrusion detection using multiobjective particle swarm optimization B Sujitha, V Kavitha Int J Appl Eng Res 10 (12), 31999-32014	5	2015
OTP based DMAC : DUAL mode Authentication Control on secure cloud storage system KLVN kavitha International Journal of Applied Engineering Research 10 (41), 30337-30340		2015
Geometric Data Perturbation - Based Personal Health Record Transactions in Cloud Computing VK S.Balasubramanian The Scientific World Journal 2015	10	2015
FUTURE LOAD AWARE SERVICE BROKER POLICY FOR INFRASTRUCTURE REQUESTS IN CLOUD. A Radhakrishnan, V Kavitha Journal of Theoretical & Applied Information Technology 67 (2)	1	2014
Trusted virtual machine allocation in cloud computing IaaS service A Radhakrishnan, V Kavitha Research Journal of Applied Sciences, Engineering and Technology 7 (14 ...	4	2014
Recognition of plant leaf in medicine C Mythili, V Kavitha Journal of Convergence Information Technology 9 (2), 61	2	2014
Highly secured and Effective keyboard search over encrypted cloud Data VK Micheal Shabi nathan International Journal of Engineering Research and Applications, 45-49		2014
Survey on reversible data hiding techniques M Manju, V Kavitha International Journal of Security and Its Applications 8 (4), 297-306	3	2014
Efficient technique towards the avoidance of replay attack using low distortion transforms VK M.Manju. European Journal Scientific Research		2014
Adequate Pre-processing method to Estimate Neovascularization in Diabetic Retinopathy KG Suma, V Kavitha Asian J. Inform. Technol 13 (11), 692-699		2014