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1	Natesan, G., Chokkalingam, A.	Multi-Objective Task Scheduling Using Hybrid Whale Genetic Optimization Algorithm in Heterogeneous Computing Environment	2020	Wireless Personal Communications	110	4		1887	1913
2	Sekar, J.G., Arun, C.	Comparative performance analysis of chaos based image encryption techniques	2020	Journal of Critical Reviews	7	9		1138	1143
3	Natesan, G., Chokkalingam, A.	An improved grey wolf optimization algorithm based task scheduling in cloud computing environment	2020	International Arab Journal of Information Technology	17	1		73	81
4	Rajasekaran, B., Arun, C.	Link failure detection and classification in wireless sensor networks using classification method	2019	International Journal of Innovative Technology and Exploring Engineering	8	12		1132	1135
5	Vijayakumar, K., Arun, C.	Continuous security assessment of cloud based applications using distributed hashing algorithm in SDLC	2019	Cluster Computing	22			10789	10800
6	Ilango, P., Chokkalingam, A.	A Novel Architecture of Modified Turbo Codes with an area efficient high speed interleaver	2019	Concurrency Computation	31	14	e5067		
7	Natesan, G., Chokkalingam, A.	Task scheduling in heterogeneous cloud environment using mean grey wolf optimization algorithm	2019	ICT Express	5	2		110	114
8	Rajasekaran, B., Arun, C.	Detection of Residual Nodes in WSN Networks using Feature Optimization Technique with ANFIS Classification	2019	Journal of Advanced Research in Dynamical and	11	8 Special Issue		187	194

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		Method		Control Systems					
10	Natesan, G., Chokkalingam, A.	Optimal task scheduling in the cloud environment using a mean Grey Wolf Optimization algorithm	2019	International Journal of Technology	10	1		126	136
11	Dhivya, K., Arun, C.	Establishing Device to Device Communication Under Cellular architecture	2018	Proc. IEEE Conference on Emerging Devices and Smart Systems, ICEDSS 2018			8544348	26	29
12	Arun, C., Prabu, K.	Offloading with QoS in the Mobile Cloud Computing Environment	2018	Proceedings of the 3rd International Conference on Inventive Computation Technologies, ICICT 2018			9034260	313	317
13	Muthumanickam, S., Arun, C.	An efficient blind detection watermarking algorithm using range conversion method	2018	Microsystem Technologies	24	3		1565	1575
14	Gobalakrishnan, N., Arun, C.	A new multi-objective optimal programming model for task scheduling using genetic gray Wolf optimization in cloud computing	2018	Computer Journal	61	10		1	14
15	Jayaram, K., Arun, C.	Performance analysis of low power superimposing OFDM system architecture	2018	International Journal of Recent Technology and Engineering	7	4		182	184
16	Rajasekaran, B., Arun, C.	Detection of malicious nodes in wireless sensor networks based on features using neural network computing approach	2018	International Journal of Recent Technology and Engineering	7	4		188	192
17	Vijayakumar, K., Arun, C.	Integrated cloud-based risk assessment model for continuous integration	2018	International Journal of Reasoning-based Intelligent Systems	10	3-Apr		316	321
18	Jayaram, K., Arun, C.	Design and implementation of low power encoder incorporating adaptive modulation for multi user OFDM system	2018	International Journal of Engineering and Technology(UAE)	7	1		41	44
19	Nimitha, N., Arun, C., Puvaneswari, A.S., Paninila, B., Pavithra, V.P., Pavithra, B.	Literature survey of chromosomes classification and anomaly detection using machine learning algorithms	2018	IOP Conference Series: Materials Science and Engineering	402	1	12194		

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20	Asha, A., Arun, C.	Active trust and fuzzy logic based energy aware routing algorithm for wireless sensor networks	2017	Journal of Computational and Theoretical Nanoscience	14	11		5427	5434
21	Lakshmi Sudha, K., Arun, C.	DPRA-FC: Dynamic probabilistic rate allocation and flow control algorithm during congestion in Wireless Sensor Network	2017	Journal of Computational and Theoretical Nanoscience	14	9		4268	4277
22	Gobalakrishnan, N., Arun, C.	SIS: A scheme for dynamic independent task scheduling in a cloud environment	2017	2016 International Conference on Control Instrumentation Communication and Computational Technologies, ICCICCT 2016	7987958			272	277
23	Arun, C., Prabu, K.	Applications of mobile cloud computing: A survey	2017	Proceedings of the 2017 International Conference on Intelligent Computing and Control Systems, ICICCS 2017	2018-January			1037	1041
24	Vijayakumar, K., Arun, C.	Automated risk identification using NLP in cloud based development environments	2017	Journal of Ambient Intelligence and Humanized Computing				1	13
25	Vijayakumar, K., Arun, C.	Analysis and selection of risk assessment frameworks for cloud based enterprise applications.	2017	Biomedical Research (India)	2017	Special Issue ArtificialIntelligentTechniquesforBioMedicalSignalProcessingEdition-I		S129	S136
26	Sathies Kumar, T., Arun, C.	A review of robust video watermarking technique	2017	Journal of Advanced Research in Dynamical and Control Systems	2017	Special Issue 2		420	433
27	Natesan, G., Chokkalingam, A.	Opposition learning-based grey wolf optimizer algorithm for parallel machine scheduling in cloud environment	2017	International Journal of Intelligent Engineering and Systems	10	1		186	195
28	Premkumar, R., Arun, C.,	Hilbert Huang analysis of the breathing sounds of obstructive sleep apnea	2017	Biomedical Research (India)	28	6		2811	2815

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29	Narayanan, M., Arun, C.	Distributed policy tracking in wireless sensor networks using parallel execution of tinypolicy over P2P networks' live streaming video on-demand service	2016	IIOAB Journal	7	9Special Issue		89	96
30	Madeshan, N., Chokkalingam, A.	An efficient super-peer selection for peer-to-peer live streaming networks over video-on demand service	2016	Journal of Computational and Theoretical Nanoscience	13	7		4606	4613
31	Munisamy, S.D., Chokkalingam, A.	Effective Data Utilization in Public Cloud through Hash Table Assorted Trie Indexed Encrypted Fuzzy Search	2016	International Journal of Fuzzy Systems	18	3		405	423
32	Saravanakumar, C., Arun, C.	Efficient idle virtual machine management for heterogeneous cloud using common deployment model	2016	KSII Transactions on Internet and Information Systems	10	4		1501	1518
33	Sridhar, B., Arun, C.	An enhanced approach in video watermarking with multiple watermarks using wavelet	2016	Journal of Communications Technology and Electronics	61	2		165	175
34	Vijayakumar, K., Arun, C.	Continuous security assessment of applications in cloud environment	2016	International Journal of Control Theory and Applications	9	36		533	541
35	Saravanakumar, C., Arun, C., Sivasrinivasan, S.P.	Novel technique to control the metering for cloud service using common deployment model	2016	Indian Journal of Science and Technology	9	21	95294		