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**List of Publications:**

S.No	Authors	Title	Publication	Publisher	Volume	Number	Year
1	Mohanapriya, N; Kousalya, G; Balakrishnan, P;	An Optimal Time-Based Resource Allocation for Biomedical Workflow Applications in Cloud	IETE Journal of Research	Taylor & Francis			2020
2	Arunkumar, B; Kousalya, G;	Nonce reuse/misuse resistance authentication encryption schemes for modern TLS cipher suites and QUIC based web servers	Journal of Intelligent & Fuzzy Systems	IOS Press		Preprint	2020
3	Arunkumar, B; Kousalya, G;	Blockchain-Based Decentralized and Secure Lightweight E-Health System for Electronic Health Records	Intelligent Systems, Technologies and Applications	Springer, Singapore			2020
4	Abirami, SP; Kousalya, G; Balakrishnan, P;	A Meta-Heuristic Model Based Computational Intelligence in Exploration and Classification of Autism in Children	Intelligent Systems, Technologies and Applications	Springer, Singapore			2020
5	Abirami, SP; Kousalya, G; Balakrishnan, P;	Activity Recognition System Through Deep Learning Analysis as an Early Biomarker of ASD Characteristics	Interdisciplinary Approaches to Altering Neurodevelopmental Disorders	IGI Global			2020

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6	Govindarajan, J; Kousalya, G;	Cooperative flow regulation protocol for real-time and non-real-time applications over satellite network	JOURNAL OF AMBIENT INTELLIGENCE AND HUMANIZED COMPUTING	SPRINGER HEIDELBERG TIERGARTENSTRASSE 17, D-69121 HEIDELBERG, GERMANY			2020
7	Malar, A Christy Jeba; Kousalya, G; Ma, Maode;	Markovian model based indoor location tracking for Internet of Things (IoT) applications	Cluster Computing	Springer US	22	5	2019
8	Pushpalatha, A; Kousalya, G;	A prolonged network life time and reliable data transmission aware optimal sink relocation mechanism	Cluster Computing	Springer US	22	5	2019
9	Malar, A Christy Jeba; Kousalya, Govardhan;	Fingerprint-Based Support Vector Machine for Indoor Positioning System	Smart Innovations in Communication and Computational Sciences	Springer, Singapore			2019
10	Abirami, SP; Kousalya, G; Karthick, R;	Identification and exploration of facial expression in children with ASD in a contact less environment	Journal of Intelligent & Fuzzy Systems	IOS Press	36	3	2019
11	K.S. Umadevia, P. Balakrishnana, * and G. Kousalyab3;	Intrusion detection system using timed automata for cyber physical systems	Journal of Intelligent & Fuzzy Systems				2019
12	Abirami, SP; Kousalya, G; Karthick, R;	Varied expression analysis of children with asd using multimodal deep learning technique	Deep Learning and Parallel Computing Environment for Bioengineering Systems	Academic Press			2019

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13	Govindarajan, J; Vibhurani, N; Kousalya, G;	Enhanced TCP NCE: A modified non-congestion events detection, differentiation and reaction to improve the end-to-end performance over manet	Progress in Intelligent Computing Techniques: Theory, Practice, and Applications	Springer, Singapore			2018
14	Mohanapriya, N; Kousalya, G; Balakrishnan, P; Pethuru Raj, C;	Energy efficient workflow scheduling with virtual machine consolidation for green cloud computing	Journal of Intelligent & Fuzzy Systems	IOS Press	34	3	2018
15	Dhanya, NM; Kousalya, G; Balarksihnan, P; Raj, Pethuru;	Fuzzy-logic-based decision engine for offloading iot application using fog computing	Handbook of Research on Cloud and Fog Computing Infrastructures for Data Science	IGI Global			2018
16	Manikandan, R; Kousalya, G; Prathilothamai, M;	Performance Evaluation for Customized and Intention based Cloud Service Selection Model	International Journal of Pure and Applied Mathematics		119	16	2018
17	Dhanya, NM; Kousalya, G; Balakrishnan, P;	Dynamic mobile cloud offloading prediction based on statistical regression	Journal of Intelligent & Fuzzy Systems	IOS Press	32	4	2017
18	Kousalya, G; Balakrishnan, P; Raj, C Pethuru;	Automated Workflow Scheduling in Self-Adaptive Clouds		Springer			2017
19	Mohanapriya, N; Kousalya, G;	Optimized Cost-Based Biomedical Workflow Scheduling Algorithm in Cloud	International Symposium on Signal Processing and Intelligent Recognition Systems	Springer, Cham			2017

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20	Muthuram, R; Kousalya, G;	A survey on integrity verification and data auditing schemes for data verification in remote cloud servers	Electronic Government, an International Journal	Inderscience Publishers (IEL)	13	4	2017
21	Mohanapriya, N; Kousalya, G;	Execution of workflow applications on cloud middleware	2017 International Conference on Innovations in Information, Embedded and Communication Systems (ICIIECS)	IEEE			2017
22	Arunkumar, B; Kousalya, G;	Analysis of AES-GCM Cipher Suites in TLS	The International Symposium on Intelligent Systems Technologies and Applications	Springer, Cham			2017
23	Granty, Regina Elwin J; Kousalya, G;	Spectral-hashing-based image retrieval and copy-move forgery detection	Australian Journal of Forensic Sciences	Taylor & Francis	48	6	2016
24	Govindarajan, J; Kousalya, G;	A Novel Flow Regulation Protocol to Optimize the End-to-End Performance and Fairness Over LEO Satellite Network	Arabian Journal for Science and Engineering	Springer Berlin Heidelberg	41	8	2016
25	Dhanya, NM; Kousalya, G;	Dynamic Adaptation of Mobile Applications using Cloud Offloading	Asian Journal of Research in Social Sciences and Humanities	Asian Research Consortium	6	8	2016
26	SRK Prasad, R. Prabhakar, and G. Kousalya;	" E- Auto Scheduling: Driving Innovation Towards Efficient Decision Making: A Case Study Approach"- Innovations in E-Systems for Business and Commerce		CRC Press			2016

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27	Kousalya, NM Dhanya and G;	Context Aware Offloading Decision and Partitioning in Mobile Cloud Computing	Asian Journal of Information Technology		5	13	2016
28	Kousalya, R Manikandan and G;	Customized Cloud Service Selection based on Parameterized Weighted Average Model using user Rating	International Journal of Engineering Research & Technology		5	9	2016
29	Kousalya, R Manikandan and G;	A Framework for an Intelligent Broker Model of Cloud Service Selection	Asian Journal of Information Technolog		15	11	2016
30	N.Mohanapriya, G.Kousalya and P.Balakrishnan;	cloud workflow scheduling algorithms:survey	International Journal of Advanced Engineering Technology		7	3	2016
31	R Kumar, G Kousalya;	Transactions Based Secure Routing In Wireless Networks: A Cognitive Science Approach	Wiley - Journal Of Security And Communication Networks		8	6	2015
32	Dhanya, NM; Kousalya, G;	Adaptive and Secure Application Partitioning for Offloading in Mobile Cloud Computing	International Symposium on Security in Computing and Communication	Springer, Cham			2015
33	Prakash, P; Kousalya, G; Vasudevan, Shriram K; Sangeetha, KS;	Green algorithm for virtualized cloud systems to optimize the energy consumption	Artificial Intelligence and Evolutionary Algorithms in Engineering Systems	Springer, New Delhi			2015
34	Sarojini Yarramsetti and G. Kousalya;	An Optimized Event Based Software Project Scheduling With Uncertainty Treatment	ARNP Journal of Engineering and Applied Sciences		10	6	2015

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35	Dhanya NM, Kousalya G;	The effect of cloudlets in offloading application to cloud from mobile devices for energy efficiency	International Journal of Applied Engineering Research, Research India Publications		10	4	2015
36	J. Govindarajan, G. Anusuya Devi, G. Kousalya;	Analysis of TCP-unfairness from MAC Layer Perspective in Wireless Ad-hoc Networks	Indian Journal of Science and Technology		8	19	2015
37	J. Govindarajan, N. Vibhurani, G. Kousalya;	An Analysis on TCP Packet Reordering Problem in Mobile Ad-Hoc Network	Indian Journal of Science and Technology,		8	16	2015
38	Granty Regina Elvin J, G. Kousalya;	Image Forgery Detection Using Multidimensional Spectral Hashing Based Polar Cosine Transform	Indian Journal Of Science And Technology				2015
39	Yarramsetti, S; Kousalya, G;	Review on computer aided techniques for software project scheduling and staffing	Asian Journal of Applied Sciences		8		2015