

# Prof. Dharmender Singh Kushwaha

## Books

- Data Structures: A Programming Approach with C – Dharmender Singh Kushwaha, Arun Kumar Misra, PHI, 2012
- Data Structures: A Programming Approach with C, Second Edition – Dharmender Singh Kushwaha, Arun Kumar Misra, PHI, 2014

## Patents

Sr. No.	Authors	Title	Date of Filing	Application No.	Field of Innovation	Published / Granted
1.	Dr. Biru Rajak, Dr. Dushyant Kumar, Singh & Prof. Dharmender Singh Kushwaha	A Dynamic Emergency Vehicle Clearance System	26.04.2022	202211024605	COMPUTER SCIENCE	<b>Patent No.: 521324</b> <b>Granted on: 07.03.2024</b> Published 23.12.2022
2	Dr. Amrendra Singh Yadav, Prof. Dharmender Singh Kushwaha & Others	Smart AI based Indoor Air Purification device	20.07.2022	368067-001	COMPUTER SCIENCE	<b>Granted Date of Issue: 18.04.2023</b>
3.	Dr. Amrendra Singh Yadav, Prof. Dharmender Singh Kushwaha & Others	AI based Smart Glasses for Identifying Skin Disease	17.08.2022	369319-001	COMPUTER SCIENCE	<b>Granted on: 04.01.2023</b> Design No. 369319-001

## Journal Papers (Indexed in SCIE/ESCI/Scopus/Others)

S.No.	Journal Paper	Name of Journal	Impact Factor
79.	OrthoHueHashChain: Distortion-Aware Hybrid Video Similarity With On-Chain Provenance, S Pandey, AP Singh, A Pandey, DS Kushwaha, IEEE Access 13, 198373-198389, 2025	IEEE Access (SCIE)	3.6

78.	HashWave: blockchain-powered perceptual hashing for resilient audio piracy detection against signal-processing attacks in decentralized networks, S Pandey, AP Singh, DS Kushwaha, A Pandey, Scientific Reports 15(1), 40320, 2025	Scientific Reports (Nature Portfolio) (SCIE)	3.9
77.	A Novel Approach To Analyse Infectivity Of Pre-Symptomatic Sars-Cov-2 Carriers Against Testing Delays, S Mallick, B Rajak, AK Verma, DS Kushwaha, International Journal of Computer Science and Network Security 25(1), 81-86, 2025	International Journal of Computer Science and Network Security (IJCSNS)	2.487
76.	CovMedCare: confluence of internet of things, blockchain and machine learning for remote monitoring system of pandemic patients, C Krishna, D Kumar, DS Kushwaha, The Journal of Supercomputing 81(1), 332, 2024	The Journal of Supercomputing (SCIE)	2.7
75.	MedBlockSure: Blockchain-based insurance system, C Krishna, D Kumar, DS Kushwaha, Cognitive Computation and Systems 6(4), 98-107, 2024	Cognitive Computation and Systems (ESCI)	1.3
74.	A survey on blockchain architecture and consensus mechanism: design vulnerability and security analysis, S Sharma, DS Kushwaha, International Journal of Cloud Computing 13(5), 485-547, 2024	International Journal of Cloud Computing (Scopus)	1.9
73.	Blockchain-based secure privacy-preserving vehicle accident and insurance registration, AS Yadav, V Charles, DK Pandey, S Gupta, T Gherman, DS Kushwaha, Expert Systems with Applications 230, 120651, 2023	Expert Systems with Applications (SCIE)	7.5
72.	Evolution of Blockchain and consensus mechanisms & its real-world applications, AS Yadav, N Singh, DS Kushwaha, Multimedia Tools and Applications 82(22), 34363-34408, 2023	Multimedia Tools and Applications (Scopus)	3.0
71.	A novel approach for suspicious activity detection with deep learning, N Dwivedi, DK Singh, DS Kushwaha, Multimedia Tools and Applications 82(21), 32397-32420, 2023	Multimedia Tools and Applications (Scopus)	3.0
70.	A Comprehensive Survey on Pandemic Patient Monitoring System: Enabling Technologies, Opportunities, and Research Challenges, C Krishna, D Kumar, DS Kushwaha, Wireless Personal Communications 131(3), 2125-2172, 2023	Wireless Personal Communications (SCIE)	1.9
69.	Performance of Optimized Security Overhead Using Clustering Technique Based on Fuzzy Logic for Mobile ad hoc Network, AS Yadav, A Singh, A Vidyarthi, RK Barik, DS Kushwaha, Cybernetics and Information Technologies 23(1), 94-109, 2023	Cybernetics and Information Technologies (ESCI)	1.2
68.	An Integrated Deep Learning Prediction Approach for Efficient Modelling of Host Load Patterns in Cloud Computing, E Patel, DS Kushwaha, Journal of Grid Computing 21(1), 5, 2023	Journal of Grid Computing (SCIE)	4.038
67.	Restoration and fuzzy logic-based formation of multipath routing protocol in MANET, AS Yadav, N Rakesh, A Vidyarthi, RK Barik, A Singhal, DS Kushwaha, International Journal of System Assurance Engineering and Management 14(Suppl 1), 117-132, 2023	International Journal of System Assurance Engineering and Management (ESCI)	2.02
66.	Distributed Ledger Technology-based land transaction system with trusted nodes consensus mechanism, AS Yadav, S Agrawal, DS Kushwaha, Journal of King Saud University - Computer and Information Sciences 34(8B), 6414-6424, 2022	Journal of King Saud University - Computer and Information Sciences (SCIE)	13.473
65.	Digitization of Land Record through Blockchain-based Consensus Algorithm, AS Yadav, DS Kushwaha, IETE Technical Review 39(4), 799-816, 2022	IETE Technical Review (SCIE)	2.2
64.	A hybrid CNN-LSTM model for predicting server load in cloud computing, E Patel, DS Kushwaha, The Journal of Supercomputing 78(8), 1-30, 2022	The Journal of Supercomputing (SCIE)	2.474
63.	Sidechain: storage land registry data using blockchain improve performance of search records, AS Yadav, N Singh, DS Kushwaha,	Cluster Computing (SCIE)	1.809

	Cluster Computing 25(2), 1475-1495, 2022		
62.	A scalable trust based consensus mechanism for secure and tamper free property transaction mechanism using DLT, AS Yadav, N Singh, DS Kushwaha, International Journal of System Assurance Engineering and Management 13(2), 735-751, 2022	International Journal of System Assurance Engineering and Management (ESCI)	0.300
61.	Employing data generation for visual weapon identification using Convolutional Neural Networks, N Dwivedi, DK Singh, DS Kushwaha, Multimedia Systems 28(1), 347-360, 2022	Multimedia Systems (SCIE)	2.018
60.	An efficient tasks scheduling algorithm for batch processing heterogeneous cloud environment, DK Shukla, D Kumar, DS Kushwaha, International Journal of Advanced Intelligence Paradigms 23(1-2), 203-216, 2022	International Journal of Advanced Intelligence Paradigms (Scopus)	0.617
59.	Blockchain-based digitization of land record through trust value-based consensus algorithm, AS Yadav, DS Kushwaha, Peer-to-Peer Networking and Applications 14(6), 3540-3558, 2021	Peer-to-Peer Networking and Applications (SCIE)	3.307
58.	An Efficient Congestion Avoiding Approach for Optimal Path Finding for Emergency Vehicle, B Rajak, S Mallick, DS Kushwaha, Recent Advances in Computer Science and Communications 14(7), 2113-2129, 2021	Recent Advances in Computer Science and Communications (Scopus)	1.06
57.	Makespan Optimization for Dependent Task Scheduling On Multiprocessing System Using Beta ABC, DK Shukla, D Kumar, DS Kushwaha, Journal of Adv. Research in Dynamical and Control Systems, 2020	Journal of Advanced Research in Dynamical and Control Systems (Scopus)	0.308
56.	Solving the Uncapacitated Single Allocation p-Hub Location Problem with Fixed Cost Using Anti-Predatory NIA, RK Sachan, DS Kushwaha, Recent Advances in Computer Science and Communications 14(7), 2288-2299, 2021	Recent Advances in Computer Science and Communications (Scopus)	1.06
55.	A Multi-Objective Anti-Predatory NIA for E-Commerce Logistics Optimization Problem, RK Sachan, DS Kushwaha, International Journal of Applied Metaheuristic Computing (IJAMC) 12(4), 1-27, 2021	International Journal of Applied Metaheuristic Computing (ESCI)	0.841
54.	Inspirations from Nature for Meta-Heuristic Algorithms: A Survey, RK Sachan, DS Kushwaha, Recent Advances in Computer Science and Communications 14(6), 1706-1718, 2021	Recent Advances in Computer Science and Communications (Scopus)	1.06
53.	Nature-Inspired Optimization Algorithms: Research Direction and Survey, RK Sachan, DS Kushwaha, IIT Kanpur, India, 2021	IIT Kanpur, India	
52.	Query Optimization in a Blockchain-based Land Registry Management System, AS Yadav, DS Kushwaha, Ingénierie des Systèmes d'Information 26(1), 13-21, 2021	Ingénierie des Systèmes d'Information (Scopus)	1.66
51.	Task scheduling to reduce energy consumption and makespan of cloud computing using NSGA-II, DK Shukla, D Kumar, DS Kushwaha, Materials Today: Proceedings, 2021	Materials Today: Proceedings (Scopus)	1.46
50.	A Best Effort Classification Model For Sars-Cov-2 Carriers Using Random Forest, S Mallick, B Rajak, AK Verma, DS Kushwaha, International Journal of Computer Science and Network Security (IJCSNS) 21(1), 27-33, 2021	International Journal of Computer Science and Network Security (ESCI)	1.5
49.	Network Traffic Vulnerability Analysis using Machine Learning - A comparative approach, S Mallick, DS Kushwaha, International Journal of Computer Science and Network Security 20(6), 28-35, 2020	International Journal of Computer Science and Network Security (ESCI)	1.5
48.	Simulation of Emergency Vehicle for Shortest Path in Sumo, B Rajak, DS Pradip, A Chandhoke, DS Kushwaha, New Horizons (UGC), 2021	New Horizons	
47.	Orientation Invariant Skeleton Feature (OISF): a new feature for Human Activity Recognition, N Dwivedi, DK Singh, DS Kushwaha, Multimedia Tools and Applications 79(29), 21037-21072, 2020	Multimedia Tools and Applications (SCIE)	2.313
46.	A Fuzzy Logic Based Software Development Cost Estimation Model with Improved Accuracy, S Mallick, DS Kushwaha, Journal of Mechanics of Continua and Mathematical Sciences 15(8), 254-264, 2020	Journal of Mechanics of Continua and Mathematical Sciences (ESCI)	2.8191

45.	Securing and Managing Army Cantonment in India Using Internet of Things, T Kumar, P Kukreja, DS Kushwaha, S Pippal, Journal of Mechanics of Continua and Mathematical Sciences 15(6), 434-448, 2020	Journal of Mechanics of Continua and Mathematical Sciences (ESCI)	2.8191
44.	Increasing Efficiency of Sensor Nodes by Clustering in Section Based Hybrid Routing Protocol with Artificial Bee Colony, AS Yadav, K Khushboo, VK Singh, DS Kushwaha, Procedia Computer Science 171 (CoCoNet 2019), 887-896, 2020	Procedia Computer Science (Scopus)	0.883
43.	Creating a Dynamic Real Time Green Corridor and Assessing its Impact on Normal Traffic Flow, B Rajak, S Mallick, DS Kushwaha, Procedia Computer Science 171 (CoCoNet 2019), 2-11, 2020	Procedia Computer Science (Scopus)	0.883
42.	An Approach for Unattended Object Detection through Contour Formation using Background Subtraction, N Dwivedi, DK Singh, DS Kushwaha, Procedia Computer Science 171 (CoCoNet 2019), 1979-1988, 2020	Procedia Computer Science (Scopus)	0.883
41.	Clustering Cloud Workloads: K-Means vs Gaussian Mixture Model, E Patel, DS Kushwaha, Procedia Computer Science 171 (CoCoNet 2019), 158-167, 2020	Procedia Computer Science (Scopus)	0.883
40.	Solving the E-Commerce Logistic Problem using Anti-Predatory NIA, RK Sachan, T Kumar, DS Kushwaha, International Journal of Intelligent Engineering Informatics (IJIEI) 8(1), 54-76, 2020	International Journal of Intelligent Engineering Informatics (IJIEI) (ESCI)	1.173
39.	Anti-Predatory NIA for Unconstrained Mathematical Optimization Problems, RK Sachan, DS Kushwaha, International Journal of Swarm Intelligence Research (IJSIR) 11(1), 1-23, 2020	International Journal of Swarm Intelligence Research (IJSIR) (ESCI)	1.86
38.	An Efficient Emergency Vehicle Clearance Mechanism for Smart Cities, B Rajak, S Mallick, DS Kushwaha, Journal of Mechanics of Continua and Mathematical Sciences 14(5), 78-97, 2019	Journal of Mechanics of Continua and Mathematical Sciences (ESCI)	2.8191
37.	An Intelligent Reconnaissance Framework for Homeland Security, T Kumar, DS Kushwaha, Defence Science Journal 69(4), 361-368, 2019	Defence Science Journal (SCIE)	0.200
36.	An Intelligent Surveillance System based on IoT for Internal Security of a Nation, T Kumar, DS Kushwaha, International Journal of Information Security and Privacy (IJISP) 13(3), 1-30, 2019	International Journal of Information Security and Privacy (IJISP) (ESCI)	1.15
35.	A Generalized and Robust Anti-Predatory Nature-Inspired Algorithm for Complex Problems, RK Sachan, DS Kushwaha, International Journal of Applied Metaheuristic Computing (IJAMC) 10(1), 75-91, 2019	International Journal of Applied Metaheuristic Computing (ESCI)	0.841
34.	Traffic surveillance and speed limit violation detection system, T Kumar, DS Kushwaha, Journal of Intelligent & Fuzzy Systems 32(5), 3761-3773, 2017	Journal of Intelligent & Fuzzy Systems (SCIE)	1.737
33.	A Dynamic File Replication Based On CPU Load And Consistency Mechanism In A Trusted Distributed Environment, M Vardhan, DS Kushwaha, Tehnicki vjesnik - Technical Gazette 24(1), 147-160, 2017	Tehnicki vjesnik - Technical Gazette (SCIE)	0.644
32.	Automatic Intruder Combat System : A way to Smart Border Surveillance, DK Singh, DS Kushwaha, Defense Science Journal 67(1), 50-58, 2017	Defense Science Journal (SCIE)	0.200
31.	ILUT based Skin Colour Modelling for Human Detection, DK Singh, DS Kushwaha, Indian Journal of Science and Technology 9(32), 1-7, 2016	Indian Journal of Science & Technology (Scopus)	0.8
30.	Analysis of Face Feature based Human Detection Techniques, DK Singh, DS Kushwaha, International Journal of Control Theory and Applications 9(22), 173-180, 2016	International Journal of Control Theory and Applications (Scopus)	
29.	An Efficient Approach for Detection and Speed Estimation of Moving Vehicles, T Kumar, DS Kushwaha, Procedia Computer Science 89 (IMCIP 2016), 726-731, 2016	Procedia Computer Science (Scopus)	0.883
28.	Optimizing Basic COCOMO Model Using Simplified Genetic Algorithm, RK Sachan, A Nigam, A Singh, S Singh, M Choudhary, A Tiwari, DS Kushwaha, Procedia Computer Science 89 (IMCIP 2016), 492-498, 2016	Procedia Computer Science (Scopus)	0.883

27.	A metric for package level coupling, A Tripathi, DS Kushwaha, CSI Transactions on ICT (CSIT) 2(4), 217-233, 2015	CSI Transactions on ICT (CSIT)	
26.	A Versatile Approach for the Estimation of Software Development Effort Based on SRS Document, A Sharma, M Vardhan, DS Kushwaha, International Journal of Software Engineering and Knowledge Engineering (IJSEKE) 24(1), 1-42, 2014	International Journal of Software Engineering and Knowledge Engineering (IJSEKE) (SCIE)	0.644
25.	A Dynamic File Replication and Consistency Mechanism for Efficient Data Center Operation and its Formal Verification, M Vardhan, DS Kushwaha, Acta Polytechnica Hungarica 11(8), 65-85, 2014	Acta Polytechnica Hungarica (SCIE)	1.286
24.	A Dynamic Consistency Aware File Replication Mechanism & its Application in Data Centre, M Vardhan, DS Kushwaha, International Arab Journal of Information Technology (IAJIT), 2014	International Arab Journal of Information Technology (IAJIT) (SCIE)	0.410
23.	A simple, adaptable and efficient heterogeneous multi-tenant database architecture for ad hoc cloud, SK Pippal, DS Kushwaha, Journal of Cloud Computing: Advances, Systems and Applications 2(1), Article 5, 2013	Journal of Cloud Computing: Advances, Systems and Applications (SCIE)	2.788
22.	An Efficient Web Service Discovery Architecture for Static and Mobile Environments, S Mallick, DS Kushwaha, GSTF Journal on Computing (JoC) 3(1), 129-134, 2013	GSTF Journal on Computing (JoC)	2.276
21.	An empirical approach for early estimation of software testing effort using SRS document, A Sharma, DS Kushwaha, CSI Transactions on ICT 1(1), 51-66, 2013	CSI Transactions on ICT (CSIT)	
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19.	A Demand Based Load Balanced Service Replication Model, M Vardhan, S Mallick, S Mishra, DS Kushwaha, GSTF Journal on Computing (JoC) 2(4), 5-10, 2013	GSTF Journal on Computing (JoC)	2.276
18.	TBFR: A Threshold-Based File Replication Approach for Increased File Availability and its Formal Verification, M Vardhan, DS Kushwaha, International Journal of Information and Communication Technology 5(2), 97-121, 2013	International Journal of Information and Communication Technology (Scopus)	1.154
17.	A Dynamic Fault Tolerant Threshold based Replication Mechanism in Distributed Environment, M Vardhan, A Goel, A Verma, DS Kushwaha, Procedia Technology 6, 188-195, 2012	Procedia Computer Science (Scopus)	0.883
16.	Estimation of Software Development Effort from Requirements Based Complexity, A Sharma, DS Kushwaha, Procedia Technology 4, 716-722, 2012	Procedia Computer Science (Scopus)	0.883
15.	Hybrid reliable load balancing with MOSIX as middleware and its formal verification using process algebra, S Mishra, DS Kushwaha, AK Misra, Future Generation Computer Systems 27(5), 506-526, 2011	Future Generation Computer Systems (SCIE)	6.125
14.	Integrating Heterogeneous Web Services into a Seamless Application, S Neupane, R Pandey, S Mallick, S Mishra, DS Kushwaha, International Journal on Recent Trends in Engineering & Technology 5(01), 149-152, 2011	International Journal on Recent Trends in Engineering & Technology	4.490
13.	An Improved Backfilling Algorithm: SJF-B, A Mishra, S Mishra, DS Kushwaha, International Journal on Recent Trends in Engineering & Technology 5(01), 78-81, 2011	International Journal on Recent Trends in Engineering & Technology	4.490
12.	Formal Modeling of Hybrid Load Balancing Algorithm in Trusted Clusters, S Mishra, DS Kushwaha, AK Misra, International Journal on Recent Trends in Engineering & Technology 4(1), 123-128, 2010	International Journal on Recent Trends in Engineering and Technology	4.490
11.	An Efficient Web Service Discovery Architecture, S Mallick, DS Kushwaha, International Journal of Computer Applications 3(12), 1-5, 2010	International Journal of Computer Applications	0.835
10.	Hybrid Load Balancing in Auto-Configurable Trusted Clusters, S Mishra, DS Kushwaha, AK Misra, Journal of Computer Science and Engineering	Journal of Computer Science and Engineering	0.533

	2(1), 16-25, 2010		
9.	A Decentralized Approach for Service Discovery & Availability in P-Grids, R Vashishta, A Gupta, P Gupta, S Mishra, DS Kushwaha, Journal of Computer Science and Engineering 1(1), 102-111, 2010	Journal of Computer Science and Engineering	0.533
8.	A New Collaborative Trust Enhanced Security Model for Distributed System, A Kumari, S Mishra, DS Kushwaha, International Journal of Computer Applications 1(26), 117-124, 2010	International Journal of Computer Applications	0.835
7.	A Complexity Measure based on Requirement Engineering Document, A Sharma, DS Kushwaha, Journal of Computer Science and Engineering 1(1), 112-117, 2010	Journal of Computer Science and Engineering	0.533
6.	LWSDM: A Layered Web Service Discovery Mechanism, S Mallick, DS Kushwaha, International Journal of Advances in Information Science & Service Science 2(3), 25-31, 2010	International Journal of Advances in Information Science & Service Science	2.97
5.	Creating Reusable Software Component from Object-Oriented Legacy System through Reverse Engineering, SK Mishra, DS Kushwaha, AK Misra, Journal of Object Technology 8(5), 133-152, 2009	Journal of Object Technology (Scopus)	1.31
4.	An Extended Component Model and its evaluation for Reliability & Quality, R Senthil, DS Kushwaha, AK Misra, Journal of Object Technology 7(7), 109-129, 2008	Journal of Object Technology (Scopus)	1.31
3.	Cognitive information complexity measure: a metric based on information contained in the software, AK Misra, DS Kushwaha, WSEAS Transactions on Computers 5(3), 621-630, 2006	WSEAS Transactions on Computers (Scopus)	
2.	CICM: A Robust Method to Measure Cognitive Complexity of Procedural and Object-Oriented Programs, DS Kushwaha, RK Singh, AK Misra, WSEAS Transactions on Computers, 2348-2355, 2006	WSEAS Transactions on Computers (Scopus)	
1.	A Cognitive Complexity Metric Suite for Object-Oriented Software, DS Kushwaha, AK Misra, WSEAS Transactions on Computers, 604-611, 2006	WSEAS Transactions on Computers (Scopus)	

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27. Perceptual Hash Computation of Multimedia Objects Using Improved KL Transform, S Pandey, NR Pradhan, AP Singh, DS Kushwaha, Digital Communication and Soft Computing Approaches Towards Sustainable Energy Developments (ISSETA 2023), 61-69, 2024
26. Use Cases of Blockchain in Post-Covid Healthcare, C Krishna, D Kumar, DS Kushwaha, Integration of AI-Based Manufacturing and Industrial Engineering Systems with the Internet of Things, 167-179, CRC Press, 2023
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24. Warehouse Setup Problem in Logistics: A Truck Transportation Cost Model, RK Sachan, DS Kushwaha, Advances in Intelligent Systems and Computing 1229 (SAI 2020), 43-62, 2020
23. Analysis of Workloads for Cloud Infrastructure Capacity Planning, E Patel, DS Kushwaha, Advances in Intelligent Systems and Computing 847, 29-42, 2019 (Scopus)
22. Traffic Control and Management Over IoT for Clearance of Emergency Vehicle in Smart Cities, B Rajak, DS Kushwaha, Lecture Notes in Networks and Systems 40 (ICTCS 2017), 121-130, 2019 (Scopus)
21. An Approach for Traffic Congestion Detection and Traffic Control System, T Kumar, DS Kushwaha, Lecture Notes in Networks and Systems 40 (ICTCS 2017), 99-108, 2019 (Scopus)
20. Adapting and Reducing Cost in Cloud Paradigm (ARCCP), K Tripathi, DS Kushwaha, Advances in Intelligent Systems and Computing 654, 165-174, 2018 (Scopus)
19. Test Case Reduction Using Decision Table for Requirements Specifications, A Gupta, A Gupta, DS Kushwaha, Advances in Intelligent Systems and Computing 439 (ICICT 2015), 411-418, 2016 (Scopus)
18. Use Case-Based Software Change Analysis and Reducing Regression Test Effort, A Gupta, DS Kushwaha, Advances in Intelligent Systems and Computing 438 (ICICT 2015), 459-466, 2016 (Scopus)
17. Tracking Movements of Humans in a Real-Time Surveillance Scene, DK Singh, DS Kushwaha, Advances in Intelligent Systems and Computing 437 (SocProS 2015), 491-500, 2016 (Scopus)

16. Smart City Traffic Management and Surveillance System for Indian Scenario, T Kumar, RK Sachan, DS Kushwaha, Recent Advances in Mathematics, Statistics and Computer Science, World Scientific, 486-493, 2015.
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14. Quality Validation of Software Design before Change Implementation, A Tripathi, DS Kushwaha, AK Misra, Advances in Intelligent Systems and Computing 249 (CSI 2013), 391-398, 2014
13. File Replication and Dereplication of Replica's in Distributed Environment, M Vardhan, P Gupta, DS Kushwaha, Contemporary Computing (IC3 2012), 358-369, 2012
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11. On Demand Logical Resource Replication Scheme as a Service, M Vardhan, A Goel, A Verma, S Mishra, DS Kushwaha, Advances in Communication, Network, and Computing (CNC 2012), 31-36, 2012
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## Conference Proceedings

80. Collaborative Artificial Intelligence in a Public Blockchain Network, A Kumar, K Waghela, AS Yadav, A Kishor, DS Kushwaha, IEEE International Conference on Intelligent Signal Processing and Effective Communication Technologies (INSPECT 2024), 1-6, 2024
79. Enhanced Skin Lesion Classification Using CNN and Fine-Tuned VGG16 Model, D Chauhan, A Sharma, A Verma, DS Kushwaha, IEEE International Conference on Intelligent Signal Processing and Effective Communication Technologies (INSPECT 2024), 1-6, 2024
78. Vehicle-to-Vehicle Energy Trading Blockchain System for Electric Vehicles, AS Yadav, A Tripathi, A Kumar, DS Kushwaha, 16th International Conference on Knowledge and Smart Technology (KST 2024), 18-23, 2024
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76. Copyright Infringement Detection of Multimedia Objects using K-L Transform, S Pandey, NR Pradhan, AP Singh, DS Kushwaha, 4th International Conference on Energy, Power and Environment (ICEPE-2022), 1-4, 2022
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74. VChain: Efficient Blockchain based Vehicular Communication Protocol, A Kumar, AS Yadav, DS Kushwaha, 10th International Conference on Cloud Computing, Data Science & Engineering (Confluence 2020), 762-768, 2020 (Scopus)

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70. Congestion control in software defined network, T Jain, DS Kushwaha, S Mallick, 5th IEEE Uttar Pradesh Section International Conference on Electrical, Electronics and Computer Engineering (UPCON 2018), 1-5, 2018 (Scopus)

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