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|  ▼ الاسم المستخدم في نشر البحوث حسب الكوكل سكولر |

Dheyaa Jasim Kadhim

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| ▼ الاتجاهات البحثية |

Wireless Networks, Mobile Communications, Cloud Computing, Internet of Things, Robotics.

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| ▼ الدرجة العلميةAssistant Professor |

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| ▼ الأبحاث المنشورة |

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|  | Performance and handoff evaluation of heterogeneous wireless networks (HWNs) using opnet simulatorDJ Kadhim, SS AbedInternational Journal of Electronics and Communication Engineering … |
|  | Power efficiency maximization in cognitive radio networksDJ Kadhim, S Gong, W Xia, W Liu, W Cheng2009 IEEE Wireless Communications and Networking Conference, 1-6 |
|  | Optimization of Cooperation sensing spectrum performanceDJ Kadhim, S Gong, W Liu, W Cheng2009 WRI International Conference on Communications and Mobile Computing 1 … |
|  | Link and cost optimization of FTTH network implementation through GPON technologyDJ Kadhim, NA HussainCommunications and network 5 (03), 438 |
|  | Quality of service (qos) for 5g networksRA Aljiznawi, NH Alkhazaali, SQ Jabbar, DJ KadhimInternational Journal of Future Computer and Communication 6 (1), 27 |
|  | A Proposal Algorithm to Solve Delay Constraint Least Cost Optimization ProblemWA Mahmoud, DJ KadhimJournal of Engineering 19 (1), 155-160 |
|  | Design and Implementation of a Practical FTTH NetworkDJ Kadhim, NA HussainInternational Journal of Computer Applications 72 (12) |
|  | Performance analysis of xPON network for different queuing modelsDJ Kadhim, NA RahmanInternational Journal of Electrical, Electronics and Telecommunication … |
|  | A balanced backoff algorithm for ieee802. 11 wireless networkDJ Kadhim, SH Abdulhussain, BM Ridha, AM AbbasIraqi Journal of Applied Physics 8 (1), 27-33 |
|  | Location Prediction in Cellular Network using Neural NetworkDJ Kadhim, TM Ali, FA MustafaInternational Journal of Computer Engineering & Technology (IJCET) 4 (4 … |
|  | A new approach of Vertical Handoff in the Heterogeneous Wireless NetworksDJ Kadhim, SS AbedInternational Journal of Computer Applications 57 (9) |
|  | A spectrum sensing framework for uwb-cognitive networkDJ Kadhim, SQ JobbarWireless Sensor Network 2 (08), 649 |
|  | Signal processing techniques for robust spectrum sensingNH Kamil, DJ Kadhim, W Liu, W Cheng2009 ETP International Conference on Future Computer and Communication, 120-123 |
|  | Ultra wideband cognitive network objective issuesDJ Kadhim, W Liu, W Cheng2009 ETP International Conference on Future Computer and Communication, 35-38 |
|  | Positioning and guiding educational robots by using fingerprints of WiFi and RFID arrayW Luo, X Deng, F Zhang, Y Wen, DJ KadhimEURASIP Journal on Wireless Communications and Networking 2018 (1), 170 |
|  | Developing a Video Buffer Framework for Video Streaming in Cellular NetworksSQ Jabbar, DJ Kadhim, Y LiWireless Communications and Mobile Computing 2018 |
|  | Spectrum sensing opportunities in cognitive radiosNH Kamil, DJ Kadhim, W Liu, W Cheng2009 5th International Conference on Wireless Communications, Networking and … |
|  | Proposed an Adaptive Bitrate Algorithm based on Measuring Bandwidth and Video Buffer Occupancy for Providing Smoothly Video StreamingSQ Jabbar, DJ Kadhim, Y Litechnology 9 (2) |
|  | Mobile Communication through 5G Technology (Challenges and Requirements)NH Alkhazaali, RA Aljiznawi, SQ Jabbar, DJ KadhimInternational Journal of Communications, Network and System Sciences 10 (05 … |
|  | INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATION ENGINEERING & TECHNOLOGY (IJECET)DJ Kadhim, SS AbedJournal Impact Factor 4 (2), 477-496 |
|  | Performance evaluation of location management in GSM networksY Jie, DJ Kadhim2012 8th International Conference on Wireless Communications, Networking and … |
|  | The Stochastic Network Calculus MethodologyDJ Kadhim, SQ Jobbar, W Liu, W ChengComputer and Information Science 2009, 169-178 |
|  | Developing a Video Buffer Framework for Video Streaming in Cellular Networks (vol 2018, 6584845, 2018)SQ Jabbar, DJ Kadhim, Y LiWIRELESS COMMUNICATIONS & MOBILE COMPUTING |
|  | Corrigendum to “Developing a Video Buffer Framework for Video Streaming in Cellular Networks”SQ Jabbar, DJ Kadhim, Y LiWireless Communications and Mobile Computing 2019 |
|  | An Adaptive Bitrate Algorithm Based on Estimation and Video Adaptation for Improving QoE in DASHSQ Jabbar, DJ Kadhim, Y Li2018 International Conference on Computer Science, Electronics and … |
|  | An Adaptive Bitrate Algorithm based on Measuring Bandwidth and Video Buffer Occupancy for Providing Smooth Video StreamingSQ Jabbar, DJ Kadhim, Y Litechnology 9 (2) |
|  | New Algorithm for High Throughput of IEEE 802.11 Distributed Coordination FunctionSH Abdulhussain, DJ Kadhim, BM Ridha, AM AbbasIraqi Journal of Applied Physics 14 (2), 27-34 |
|  | A Proposed Adaptive Rate Algorithm to Administrate the Video Buffer Occupancy for Smooth Video StreamingSQ Jabbar, DJ Kadhim, Y LiInternational Conference on Internet and Distributed Computing Systems, 37-49 |
|  | A New Scheme for QoE Management of Live Video Streaming in Cloud EnvironmentDJ Kadhim, X Yu, SQ Jabbar, Y Li, W LuoPacific-Rim Symposium on Image and Video Technology, 150-161 |
|  | Mobility Management Requirements for Diverse 5G Wireless NetworksSQ Jabbar, DJ Kadhim, RA Aljiznawi, NH Alkhazaali3rd International Conference on Wireless Communication and Sensor Networks … |
|  | Heterogeneous Network Performance Improvement Using Proposed OLRED and OLWRED StrategiesWM Lafta, SQ Jabbar, DJ Kadhim, G MaInternational Journal of Future Computer and Communication 5 (5), 199 |
|  | Survey Smoothly Fiber-Wireless (FiWi) Accessing Wireless Networks: Convergence and ChallengesNH Alkhazaali, R AbduljabbarAljiznawi, DJ KadhimIndonesian Journal of Electrical Engineering and Computer Science 3 (1), 151-156 |
|  | OLWRED: Best Selected Strategy for Data Transmission in Heterogeneous NetworksWM Lafta, SQ Jabbar, DJ Kadhim, G MaInternational Journal of Computer Applications 152 (4) |
|  | MDFD and DFD Methods to detect Failed Sensor Nodes in Wireless Sensor NetworkMK Mezaal, DJ KadhimInternational Journal of Computer Applications 124 (13) |
|  | Improving IoT Applications Using a Proposed Routing ProtocolDJ Kadhim, OA HamadJournal of Engineering 20 (11), 50-62 |
|  | A New Approach of Designing a Client/Server Model with Smart ScreenDJ Kadhim, MM JasimInternational Journal of Computer Applications 94 (5) |
|  | Handoff Management Enhancement using Soft Computing TechniquesY Jie, DJ KadhimInternational Journal of Computer Applications 64 (22) |
|  | Performance Evaluation of the Mobility Management towards 4G Wireless NetworksInternational Journal of Electronics and Communication Engineering and … |
|  | Performance Evaluation of AODV Routing Protocol in MANET using OPNET SimulatorDJ KadhimAnbar Journal for Engineering Sciences 5 (2), 241-257 |
|  | Design and Simulation of a Proposed Location Management Model for Cellular NetworksJournal of Mobile Communication 6 (1) |
|  | A new proposed handoff scheme for mobile communication systemsAA Mohammed, G Su, DJ KadhimProceedings of 2011 International Conference on Computer Science and Network … |
|  | A Balanced Backoff Algorithm for IEEE802.11 Wireless NetworkIraqi Journal of Applied Physics (IJAP) |
|  | ENHANCED OVERLAY TOPOLOGY STRUCTURE FOR P2P VIDEO STREAMINGDJ Kadhim |
|  | Cooperation spectrum sensing using optimal joint detectingDJ Kadhim, W Liu, W Cheng2009 5th International Conference on Wireless Communications, Networking and … |
|  | Design and Implementation of a Proposal Network FirewallAl-Khwarizmi Engineering Journal 2 (1), 52-69 |
|  | Improving Video Quality in DASH Systems by Proposing Adaptive Bitrate Scheme based on Variable Segment Size ApproachSQ Jabbar, DJ Kadhim, Y LiInternational Journal of Computer Applications 975, 8887 |

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| ▼ رسائل الماجستير الذي اشرف عليها |

1. Performance Analysis of 4G Heterogeneous Wireless Networks Using OPNET Simulator
2. Optimization of FTTH network through the implementation of GPON architecture with analyzing the cost of the implementation
3. Location Prediction in Mobile Communication System Using Soft Computing Techniques
4. Proposed Routing Protocol for Internet of Things based on Wireless sensor networks
5. Proposed Model to Handle Node Failure in Wireless Sensor Networks
6. Developing a Real Time Application of Cloud Services for Mobile Robot

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| ▼ اطاريح الدكتوراه الذي اشرف عليها |

1. Design and Implementation of an Open Source Robot Platform for Real-Time Applications
2. Design and Implementation of a Robot-Cloud Architecture for Detection and Tracking in the Region of Interest
3. An Optimal Media Access Control Design for Modern Wireless Networks