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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 العلمية Assistant Professor |

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| ▼ الأبحاث المنشورة |

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|  | [Performance and handoff evaluation of heterogeneous wireless networks (HWNs) using opnet simulator](javascript:void(0))  DJ Kadhim, SS Abed  International Journal of Electronics and Communication Engineering … |
|  | [Power efficiency maximization in cognitive radio networks](javascript:void(0))  DJ Kadhim, S Gong, W Xia, W Liu, W Cheng  2009 IEEE Wireless Communications and Networking Conference, 1-6 |
|  | [Optimization of Cooperation sensing spectrum performance](javascript:void(0))  DJ Kadhim, S Gong, W Liu, W Cheng  2009 WRI International Conference on Communications and Mobile Computing 1 … |
|  | [Link and cost optimization of FTTH network implementation through GPON technology](javascript:void(0))  DJ Kadhim, NA Hussain  Communications and network 5 (03), 438 |
|  | [Quality of service (qos) for 5g networks](javascript:void(0))  RA Aljiznawi, NH Alkhazaali, SQ Jabbar, DJ Kadhim  International Journal of Future Computer and Communication 6 (1), 27 |
|  | [A Proposal Algorithm to Solve Delay Constraint Least Cost Optimization Problem](javascript:void(0))  WA Mahmoud, DJ Kadhim  Journal of Engineering 19 (1), 155-160 |
|  | [Design and Implementation of a Practical FTTH Network](javascript:void(0))  DJ Kadhim, NA Hussain  International Journal of Computer Applications 72 (12) |
|  | [Performance analysis of xPON network for different queuing models](javascript:void(0))  DJ Kadhim, NA Rahman  International Journal of Electrical, Electronics and Telecommunication … |
|  | [A balanced backoff algorithm for ieee802. 11 wireless network](javascript:void(0))  DJ Kadhim, SH Abdulhussain, BM Ridha, AM Abbas  Iraqi Journal of Applied Physics 8 (1), 27-33 |
|  | [Location Prediction in Cellular Network using Neural Network](javascript:void(0))  DJ Kadhim, TM Ali, FA Mustafa  International Journal of Computer Engineering & Technology (IJCET) 4 (4 … |
|  | [A new approach of Vertical Handoff in the Heterogeneous Wireless Networks](javascript:void(0))  DJ Kadhim, SS Abed  International Journal of Computer Applications 57 (9) |
|  | [A spectrum sensing framework for uwb-cognitive network](javascript:void(0))  DJ Kadhim, SQ Jobbar  Wireless Sensor Network 2 (08), 649 |
|  | [Signal processing techniques for robust spectrum sensing](javascript:void(0))  NH Kamil, DJ Kadhim, W Liu, W Cheng  2009 ETP International Conference on Future Computer and Communication, 120-123 |
|  | [Ultra wideband cognitive network objective issues](javascript:void(0))  DJ Kadhim, W Liu, W Cheng  2009 ETP International Conference on Future Computer and Communication, 35-38 |
|  | [Positioning and guiding educational robots by using fingerprints of WiFi and RFID array](javascript:void(0))  W Luo, X Deng, F Zhang, Y Wen, DJ Kadhim  EURASIP Journal on Wireless Communications and Networking 2018 (1), 170 |
|  | [Developing a Video Buffer Framework for Video Streaming in Cellular Networks](javascript:void(0))  SQ Jabbar, DJ Kadhim, Y Li  Wireless Communications and Mobile Computing 2018 |
|  | [Spectrum sensing opportunities in cognitive radios](javascript:void(0))  NH Kamil, DJ Kadhim, W Liu, W Cheng  2009 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 Streaming](javascript:void(0))  SQ Jabbar, DJ Kadhim, Y Li  technology 9 (2) |
|  | [Mobile Communication through 5G Technology (Challenges and Requirements)](javascript:void(0))  NH Alkhazaali, RA Aljiznawi, SQ Jabbar, DJ Kadhim  International Journal of Communications, Network and System Sciences 10 (05 … |
|  | [INTERNATIONAL JOURNAL OF ELECTRONICS AND COMMUNICATION ENGINEERING & TECHNOLOGY (IJECET)](javascript:void(0))  DJ Kadhim, SS Abed  Journal Impact Factor 4 (2), 477-496 |
|  | [Performance evaluation of location management in GSM networks](javascript:void(0))  Y Jie, DJ Kadhim  2012 8th International Conference on Wireless Communications, Networking and … |
|  | [The Stochastic Network Calculus Methodology](javascript:void(0))  DJ Kadhim, SQ Jobbar, W Liu, W Cheng  Computer and Information Science 2009, 169-178 |
|  | [Developing a Video Buffer Framework for Video Streaming in Cellular Networks (vol 2018, 6584845, 2018)](javascript:void(0))  SQ Jabbar, DJ Kadhim, Y Li  WIRELESS COMMUNICATIONS & MOBILE COMPUTING |
|  | [Corrigendum to “Developing a Video Buffer Framework for Video Streaming in Cellular Networks”](javascript:void(0))  SQ Jabbar, DJ Kadhim, Y Li  Wireless Communications and Mobile Computing 2019 |
|  | [An Adaptive Bitrate Algorithm Based on Estimation and Video Adaptation for Improving QoE in DASH](javascript:void(0))  SQ Jabbar, DJ Kadhim, Y Li  2018 International Conference on Computer Science, Electronics and … |
|  | [An Adaptive Bitrate Algorithm based on Measuring Bandwidth and Video Buffer Occupancy for Providing Smooth Video Streaming](javascript:void(0))  SQ Jabbar, DJ Kadhim, Y Li  technology 9 (2) |
|  | [New Algorithm for High Throughput of IEEE 802.11 Distributed Coordination Function](javascript:void(0))  SH Abdulhussain, DJ Kadhim, BM Ridha, AM Abbas  Iraqi Journal of Applied Physics 14 (2), 27-34 |
|  | [A Proposed Adaptive Rate Algorithm to Administrate the Video Buffer Occupancy for Smooth Video Streaming](javascript:void(0))  SQ Jabbar, DJ Kadhim, Y Li  International Conference on Internet and Distributed Computing Systems, 37-49 |
|  | [A New Scheme for QoE Management of Live Video Streaming in Cloud Environment](javascript:void(0))  DJ Kadhim, X Yu, SQ Jabbar, Y Li, W Luo  Pacific-Rim Symposium on Image and Video Technology, 150-161 |
|  | [Mobility Management Requirements for Diverse 5G Wireless Networks](javascript:void(0))  SQ Jabbar, DJ Kadhim, RA Aljiznawi, NH Alkhazaali  3rd International Conference on Wireless Communication and Sensor Networks … |
|  | [Heterogeneous Network Performance Improvement Using Proposed OLRED and OLWRED Strategies](javascript:void(0))  WM Lafta, SQ Jabbar, DJ Kadhim, G Ma  International Journal of Future Computer and Communication 5 (5), 199 |
|  | [Survey Smoothly Fiber-Wireless (FiWi) Accessing Wireless Networks: Convergence and Challenges](javascript:void(0))  NH Alkhazaali, R AbduljabbarAljiznawi, DJ Kadhim  Indonesian Journal of Electrical Engineering and Computer Science 3 (1), 151-156 |
|  | [OLWRED: Best Selected Strategy for Data Transmission in Heterogeneous Networks](javascript:void(0))  WM Lafta, SQ Jabbar, DJ Kadhim, G Ma  International Journal of Computer Applications 152 (4) |
|  | [MDFD and DFD Methods to detect Failed Sensor Nodes in Wireless Sensor Network](javascript:void(0))  MK Mezaal, DJ Kadhim  International Journal of Computer Applications 124 (13) |
|  | [Improving IoT Applications Using a Proposed Routing Protocol](javascript:void(0))  DJ Kadhim, OA Hamad  Journal of Engineering 20 (11), 50-62 |
|  | [A New Approach of Designing a Client/Server Model with Smart Screen](javascript:void(0))  DJ Kadhim, MM Jasim  International Journal of Computer Applications 94 (5) |
|  | [Handoff Management Enhancement using Soft Computing Techniques](javascript:void(0))  Y Jie, DJ Kadhim  International Journal of Computer Applications 64 (22) |
|  | [Performance Evaluation of the Mobility Management towards 4G Wireless Networks](javascript:void(0))  International Journal of Electronics and Communication Engineering and … |
|  | [Performance Evaluation of AODV Routing Protocol in MANET using OPNET Simulator](javascript:void(0))  DJ Kadhim  Anbar Journal for Engineering Sciences 5 (2), 241-257 |
|  | [Design and Simulation of a Proposed Location Management Model for Cellular Networks](javascript:void(0))  Journal of Mobile Communication 6 (1) |
|  | [A new proposed handoff scheme for mobile communication systems](javascript:void(0))  AA Mohammed, G Su, DJ Kadhim  Proceedings of 2011 International Conference on Computer Science and Network … |
|  | [A Balanced Backoff Algorithm for IEEE802.11 Wireless Network](javascript:void(0))  Iraqi Journal of Applied Physics (IJAP) |
|  | [ENHANCED OVERLAY TOPOLOGY STRUCTURE FOR P2P VIDEO STREAMING](javascript:void(0))  DJ Kadhim |
|  | [Cooperation spectrum sensing using optimal joint detecting](javascript:void(0))  DJ Kadhim, W Liu, W Cheng  2009 5th International Conference on Wireless Communications, Networking and … |
|  | [Design and Implementation of a Proposal Network Firewall](javascript:void(0))  Al-Khwarizmi Engineering Journal 2 (1), 52-69 |
|  | [Improving Video Quality in DASH Systems by Proposing Adaptive Bitrate Scheme based on Variable Segment Size Approach](javascript:void(0))  SQ Jabbar, DJ Kadhim, Y Li  International 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