



Naseer Ali Hussien

نصير علي حسين جاسم القرشي

Lecturer

PROFILE

Naseer Ali Hussien has completed his PhD in Computer Science from Utara University Malaysia in 2013

ACADEMIC TITLES

2021-04-11	Professor
2016-04-11	Associate Professor
2013-04-11	Lecturer

GRADUATE SUPERVISION

Platforms of IoT for Detection and Diagnosis covid_19

Reham Basim (2022)

Efficient cloud storage mechanism for IOT environment

Ayad Hassan (2024)

Efficient Resources Management Mechanism for IoT and Mobile Crowd Sensing

Abbas Mohammed ALi (2024)

ADMINISTRATIVE POSITIONS

2013-07-11 - 2014-02-04	head of computer Science Department
2014-01-09 - 2018-01-08	head of computer Science Department
2018-01-10 - 2021-01-07	Assistant Dean for Scientific Affairs
2022-01-11 - Present	Assistant Dean for Administrative Affairs

PUBLICATIONS (8 6)

- Auto-PPA: An Adaptive Deep RL Agent for VLSI Physical Design Optimization**
Journal of VLSI Circuits and Systems 8 (1), 9-19, 2026 | 2026 | Cited: 1
- Deep Learning Based AI Model for Improving Carrier Frequency Offset Estimation in Sensor Driven Communication Systems**
Journal of Internet Services and Information Security (JISIS) 16 (1), 533-547, 2026 | 2026
- Designing Wireless Sensor Network Data Based Machine Learning Approach for Accurate Human Activity Recognition.**
J. Internet Serv. Inf. Secur. 15 (1), 385-400, 2025 | 2025 | Cited: 12
- Cultural Hybridization in the Digital Age: The Global-Local Tension in Youth Identity**
AUIQ Humanities and Social Sciences 1 (1), 3, 2025 | 2025 | Cited: 1
- Influence of Wireless Novel Routing Protocol by Using MDPC Algorithm**
2024 4th International Conference on Technological Advancements in ... 2024 | 2024
- Nonlinear Quadratic Programming Algorithm Modelling for Operation of The Off-Grid Energy Resources System with Backup Storage System**
International Journal of Integrated Engineering 16 (5), 283-293, 2024 | 2024

CONTACT

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naseerali@alayan.edu.iq

EDUCATION

دكتوراه (23-03-2013)

Networks
Utara University

ماجستير (09-01-2008)

Networks
Hamdard University

RESEARCH METRICS

h-index (Scopus)	9
h-index (GS)	11
Citations (Scopus)	284
Citations (GS)	487
Documents (Scopus)	41
Documents (GS)	63

RESEARCH INTERESTS

• Wireless Networks - IoT



7. **Secure IoT-based communication protocols for smart cities**
2024 Ninth International Conference on Science Technology Engineering and ..., 2024 | 2024
8. **Overall assessment of heat transfer for a rarefied flow in a microchannel with obstacles using lattice Boltzmann method**
Computer Modeling in Engineering & Sciences 138 (1), 273, 2024 | 2024 | Cited: 10
9. **Efficient contract analysis and management through AI-powered tool: time savings and error reduction in legal document review**
2024 Ninth International Conference on Science Technology Engineering and ..., 2024 | 2024 | Cited: 6
10. **Enhanced PSO Optimized Leader in Cloud-Fog Task Scheduling for IoT and Mobile Crowdsensing Environments**
International Journal of Electrical and Electronic Engineering ..., 2024 | 2024 | Cited: 3
11. **Overall Assessment of Heat Transfer for a Rarefied Flow in a Microchannel with Obstacles Using Lattice Boltzmann Method**
Comput. Model. Eng. Sci 138, 273-299, 2024 | 2024 | Cited: 2
12. **A micromechanical nested machine learning model for characterizing materials behaviors of bulk metallic glasses**
Journal of Non-Crystalline Solids 625, 122733, 2024 | 2024 | Cited: 11
13. **Overall Assessment of Heat Transfer for a Rarefied Flow in a Microchannel with Obstacles Using Lattice Boltzmann Method**
CMES-Computer Modeling in Engineering & Sciences 138 (1), 2024 | 2024
14. **Multidisciplinary design optimization of a power generation system based on waste energy recovery from an internal combustion engine using organic Rankine cycle and ...**
Chemosphere 340, 139876, 2023 | 2023 | Cited: 9
15. **Dynamic cost-optimized resources management and task scheduling with deadline constraint for mobile crowd sensing environment**
Int. J. Intell. Eng. Syst 16 (3), 2023 | 2023 | Cited: 2
16. **Urban Wastewater Treatment for High Yielding in Agriculture Through Smart Irrigation System**
Doctoral Symposium on Computational Intelligence, 637-649, 2023 | 2023 | Cited: 9
17. **Resource Management Techniques in Cloud-Fog for IoT and Mobile Crowdsensing Environments**
International Journal of Electronics and Telecommunications, 341-352-341-352, 2023 | 2023 | Cited: 1
18. **Big Data Framework for the Development of Public Management Application Talents using Innovative Elements in Smart Cities**
2023 Annual International Conference on Emerging Research Areas ..., 2023 | 2023
19. **Psychological behavior Analysis in social media based on automated deep learning method**
2023 Annual International Conference on Emerging Research Areas ..., 2023 | 2023
20. **Application of Mobile Health in Mental Health Interventions**
2023 Annual International Conference on Emerging Research Areas ..., 2023 | 2023
21. **Environmental and Financial Asset Optimization through Multi-Restoration Informed by AI Systems for Optimizing Ecosystem Functioning**
2023 Annual International Conference on Emerging Research Areas ..., 2023 | 2023 | Cited: 1
22. **Research on Sustainable development of green energy and manufacturing in smart agriculture based on big data analysis**
2023 Annual International Conference on Emerging Research Areas ..., 2023 | 2023 | Cited: 2
23. **Application of Wearable Sensors in Physical education for biomedical surveillance and human-machine interface**
2023 Annual International Conference on Emerging Research Areas ..., 2023 | 2023 | Cited: 3
24. **Big data-based data visualization techniques for e-learning interactive data exploration**
2023 Annual International Conference on Emerging Research Areas ..., 2023 | 2023
25. **Anomaly Detection in Complex Power Grid using Organic Combination of Various Deep Learning (OC-VDL)**
Journal of Intelligent Systems and Internet of Things 9 (2), 78-8-92, 2023 | 2023 | Cited: 1
26. **Multi-Branch Attention Graph Convolutional Networks for 3D Human Pose Estimation**
IEEE Transactions on Instrumentation and Measurement, 2023 | 2023 | Cited: 2

27. **Study of Efficient Cloud Storage Architectures for the Security Environment**
Journal of Kufa for Mathematics and Computer 10 (1), 63-71, 2023 | 2023 | Cited: 1
28. **Simulation Secure MQTT Protocol Based on TLS in IoT-Fog Computing Environment**
Doctoral Symposium on Computational Intelligence, 13-21, 2023 | 2023 | Cited: 1
29. **Intelligent system for Distributed Quality Monitoring of Sewage Management based on Wastewater Treatment Procedure and Data Mining**
Journal of Intelligent Systems and Internet of Things 9 (2), 206-06-221, 2023 | 2023
30. **Multibranch attention graph convolutional networks for 3-D human pose estimation**
IEEE Transactions on Instrumentation and Measurement 72, 1-12, 2023 | 2023 | Cited: 21
31. **Intelligent Wireless Sensor Networks for Healthcare: Bridging Biomedical Clothing to the IoT Future.**
Journal of Intelligent Systems & Internet of Things 9 (2), 2023 | 2023 | Cited: 12
32. **A Micromechanical Data-Driven Machine-Learning Approach for Microstructural Characterization of Solder Balls in Electronic Packages Subjected to Thermomechanical Fatigue**
Journal of Electronic Materials, 1-12, 2023 | 2023 | Cited: 2
33. **A micromechanical data-driven machine-learning approach for microstructural characterization of solder balls in electronic packages subjected to thermomechanical fatigue**
Journal of Electronic Materials 52 (7), 4614-4625, 2023 | 2023 | Cited: 2
34. **Resource management techniques in cloud-fog for iot and mobile crowdsensing environments**
International Journal of Electronics and Telecommunications 69 (2), 2023 | 2023 | Cited: 2
35. **Intelligent Wireless Sensor Networks for Healthcare: Bridging Biomedical Clothing to the IoT Future**
Journal of Intelligent Systems and Internet of Things 9 (2), 36-6-50, 2023 | 2023 | Cited: 1
36. **Intelligent system for Distributed Quality Monitoring of Sewage Management based on Wastewater Treatment Procedure and Data Mining**
Journal of Intelligent Systems and Internet of Things 9 (2), 206-221, 2023 | 2023 | Cited: 1
37. **Civil engineering structure monitoring based on Integrated sensor fusion device with an optimized mathematical model**
2023 International Conference on Emerging Research in Computational Science ..., 2023 | 2023 | Cited: 1
38. **Analyzing the physical activity and exercise management for obesity and weight loss based on fuzzy logic**
2023 International Conference on Emerging Research in Computational Science ..., 2023 | 2023
39. **IoT-based Green Transportation Technique for Sustainable Growth in Transportation Industry**
2023 International Conference on Emerging Research in Computational Science ..., 2023 | 2023 | Cited: 2
40. **Investigation of Big Data for Human Emotion Detection using Deep Learning**
2023 International Conference on Emerging Research in Computational Science ..., 2023 | 2023
41. **Study on Host-based Security System Advancement in ICT-Enabled Smart Cities**
2023 International Conference on Emerging Research in Computational Science ..., 2023 | 2023
42. **Moving Scene Classification And Human Action Recognition Based On Artificial Intelligence**
2023 International Conference on Emerging Research in Computational Science ..., 2023 | 2023
43. **Fostering Air Pollution using Cloud Computing and IoT-based Methods**
2023 International Conference on Emerging Research in Computational Science ..., 2023 | 2023 | Cited: 2
44. **Prevention and Management of Natural Disasters with Integrated Multidisciplinary Climatic Sensitivity and Big Data Model**
2023 International Conference on Emerging Research in Computational Science ..., 2023 | 2023
45. **Optimizing the Energy Consumption of an Electric Motor System Incorporates Hybrid Electric Energy Generators Using a Genetic Algorithm**
Journal of Operation and Automation in Power Engineering 11 (Special Issue ..., 2023 | 2023
46. **Resource management techniques in cloud-fog for iot and mobile crowdsensing environments**
International Journal of Electronics and Telecommunication 69 (2), 341-352, 2023 | 2023 | Cited: 3
47. **Anomaly Detection in Complex Power Grid using Organic Combination of Various Deep Learning (OC-VDL).**
Journal of Intelligent Systems & Internet of Things 9 (2), 2023 | 2023 | Cited: 5

48. **Dynamic cost-optimized resources management and task scheduling with deadline constraint for mobile crowd sensing environment**
Int. J. Intell. Eng. Syst 16 (3), 201-219, 2023 | 2023 | Cited: 5
49. **Intelligent system for Distributed Quality Monitoring of Sewage Management based on Wastewater Treatment Procedure and Data Mining.**
Journal of Intelligent Systems & Internet of Things 9 (2), 2023 | 2023 | Cited: 11
50. **Developing a Risk Management System with an Optimistic Predictive Approach and Business Decision-Making.**
Journal of Intelligent Systems & Internet of Things 9 (2), 2023 | 2023 | Cited: 7
51. **Optimizing the Energy Consumption of an Electric Motor System Incorporates Hybrid Electric Energy Generators Using a Genetic Algorithm**
Journal of Operation and Automation in Power Engineering 11 (Special Issue ..., 2023 | 2023
52. **Intelligent wireless sensor networks for healthcare: bridging biomedical clothing to the IoT future**
Journal of Intelligent Systems and Internet of Things, volume 9, issue: 2, 2023 | 2023 | Cited: 12
53. **Techniques of data deduplication for cloud storage: A review**
International Journal of Engineering Research and Advanced Technology 8 (04 ..., 2022 | 2022 | Cited: 7
54. **Techniques of Data Deduplication for Cloud Storage: A Review**
2022 | Cited: 1
55. **Platforms of IoT for Detection and Diagnosis covid_19**
Journal of Physics: Conference Series 1963 (1), 012048, 2021 | 2021
56. **A framework for IoT-enabled environment aware traffic management.**
International Journal of Electrical & Computer Engineering (2088-8708) 11 (1), 2021 | 2021
57. **Encryption System for Hiding Information Based on Internet of Things**
International Association of Online Engineering, 2021 | 2021 | Cited: 65
58. **Monitoring the Consumption of Electrical Energy Based on the Internet of Things Applications.**
International Journal of Interactive Mobile Technologies 15 (7), 2021 | 2021 | Cited: 58
59. **A framework for IoT-enabled environment aware traffic management**
International Journal of Electrical and Computer Engineering 11 (1), 518, 2021 | 2021 | Cited: 14
60. **Platforms of IoT for Detection and Diagnosis covid_19**
Journal of Physics: Conference Series 1963 (1), 012048, 2021 | 2021
61. **Monitoring the Consumption of Electrical Energy Based on the Internet of Things Applications**
International Journal of Interactive Mobile Technologies | 2021
62. **Smart shopping system with RFID technology based on internet of things**
International Association of Online Engineering, 2020 | 2020 | Cited: 70
63. **A predictive model for liver disease progression based on logistic regression algorithm**
Periodicals of Engineering and Natural Sciences 7 (3), 1255-1264, 2019 | 2019 | Cited: 38
64. **Predicting breast cancer risk, recurrence and survivability**
Deakin University, 2019 | 2019
65. **A predictive model for liver disease progression based on logistic regression algorithm**
Periodicals of Engineering and Natural Sciences 7 (3), 2019 | 2019 | Cited: 54
66. **A predictive model for liver disease progression based on logistic regression algorithm**
Periodicals of Engineering and Natural Sciences (PEN) 7 (3), 1255-1264, 2019 | 2019 | Cited: 60
67. **Data security implementations in cloud computing: A critical review**
2018 3rd International Conference on Information Technology Research (ICITR ..., 2018 | 2018 | Cited: 5
68. **Effect Hyphal Death On FHxW Branching Type With Energy**
2018
69. **A Survey of Smart Control System for Poultry Farm Techniques**
International Conference on Distributed Computing and High Performance ..., 2018 | 2018 | Cited: 22
70. **Improvement the Route Discovery Mechanism of Dynamic Source Routing Protocol in MANET**
International Conference on Distributed Computing and High Performance ..., 2018 | 2018 | Cited: 15
71. **A Framework of Social Networks for Internet of Vehicles**
International Journal of Scientific Engineering and Research (IJSER), 58-66, 2016 | 2016

72. **خوارزمية اكتشاف لدودة الانترنت الماسحة التي تستخدم بروتوكول الرسائل المسيطرة للانترنت**
Journal of Education College Wasit University 1 (18), 487-503, 2015 | 2015
73. **A Comparative Performance Evaluation of Hive and Map Reduce for Big-Data**
Journal of Information Engineering and Applications 5 (10), 1-16, 2015 | 2015 | Cited: 1
74. **Analyzing Optimal Setting Of Reference Point Group Mobility Model Using DSR Protocol In MANETS**
7th International Conference on Information Technology, 2015 | 2015 | Cited: 1
75. **The Robustness of RM-DSR Multipath Routing Protocol with Different Network Size in MANET**
International Journal of Mobile Computing and Multimedia Communications ..., 2013 | 2013 | Cited: 1
76. **An Optimized Reliable Multipath Dynamic Source Routing Protocol for Multimedia Applications in Mobile Ad-hoc Networks**
Universiti Utara Malaysia, 2013 | 2013 | Cited: 1
77. **Redirect link failure protocol based on dynamic source routing for MANET**
Networked Digital Technologies: 4th International Conference, NDT 2012 ..., 2012 | 2012 | Cited: 7
78. **Enhancing the route discovery performance of DSR protocol in mobile ad-hoc networks**
Proceedings of the 3rd International Conference on Network Applications ..., 2012 | 2012 | Cited: 1
79. **Redirect link failure protocol based on dynamic source routing for MANET**
International Conference on Networked Digital Technologies, 577-591, 2012 | 2012 | Cited: 8
80. **Route Cache Update Mechanisms in DSR Protocol—A Survey**
International Conference on Information and Network Technology 4, 136-41, 2011 | 2011 | Cited: 18
81. **Route Cache Update Mechanisms in DSR Protocol—A Survey**
International Conference on Information and Network Technology (IPCSIT) 4 ..., 2011 | 2011 | Cited: 18
82. **The Impact of Speed on the Performance of Dynamic Source Routing in Mobile Ad-Hoc Networks 2011**
83. **The Effect of Pause Time on the Performance of Mobile Ad-hoc Network Routing Protocols**
Proceedings of the 4th International conference on intelligient information ..., 2010 | 2010 | Cited: 5
84. **The Effect of Pause Time on the Performance of Mobile Ad-hoc Network Routing Protocols**
Proceedings of the 4th International Conference on Intelligent Information ..., 2010 | 2010 | Cited: 5
85. **Enhanced PSO Optimized Leader in Cloud-Fog Task Scheduling for IoT and Mobile Crowdsensing Environments**
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86. **Enhanced PSO Optimized Leader in Cloud-Fog Task Scheduling for IoT and Mobile Crowdsensing Environments**