

Haider Thiab Salim Alrikabi

حيدر ذياب سالم حمادي الركابي

Professor

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EDUCATION

(01-01-2006) بكلوريوس

Electrical Engineering

Mustansiriyah University

(01-01-2014) ماجستير

Communication Engineering

CSUF

(01-01-2025) دكتوراه

Communication Engineering

Mustansiriyah University

RESEARCH METRICS

h-index (Scopus)	37
h-index (GS)	42
Citations (Scopus)	3022
Citations (GS)	4102
Documents (Scopus)	119
Documents (GS)	177

ACADEMIC TITLES

2024-02-04 **Professor**

TEACHING EXPERIENCE

Lecturer

Wasit University

2014-01 - Present

COURSES

- Analog and Digital Communication Systems
- Control Systems
- fundamentals of Electric Circuits
- Control System Lab
- Communication Lab
- Research Methodology
- Digital Control System
- Digital Control System
- Security and Privacy in IoT
- Logical Design

PUBLICATIONS (182)

1. **Overhead-and energy-aware integrated sensing and communication for IoT: A dual-mode edge-intelligent framework**
   Sustainable Engineering and Innovation 8 (2), 1, 2026 | 2026
2. **Detection of unauthorized devices for exams based on arduino and high-gain antenna**
   AIP Conference Proceedings 3408 (1), 2026 | 2026
3. **Eyeball movement frequency detection using histogram filtering algorithm**
   AIP Conf. Proc. 3408, 040120 (2026), 2026 | 2026
4. **Deep Learning and Blockchain for Smart Grids: Integration, Challenges, and Future Directions**
   E3S Web of Conferences 694, 03002, 2026 | 2026
5. **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: 2
6. **AI-Based Learning Analytics and Real-Time Monitoring for IoT-Enabled Smart Laboratory of Engineering Education**
   International Journal of Engineering Pedagogy (iJEP) | 2026
7. **Optimal power flow in a high voltage iraqi network using artificial intelligence algorithm**
   AIP Conference Proceedings 3397 (1), 080001, 2026 | 2026
8. **Seamless rectifying for irregular boundaries at image stitching: Integrating image augmentation, parallel pooling, and convolution layers**
   AIP Conference Proceedings 3408 (1), 040119, 2026 | 2026

9. **Crack detection and segmentation by employing deep neural network U-net**
AIP Conference Proceedings 3397 (1), 060007, 2026 | 2026

10. **Physics-Informed VLSI TinyML-Based Self-Healing PLL with Power–Jitter Optimization Under Aging and PVT Variations**
Journal of VLSI Circuits and Systems 8 (2), 1-14, 2026 | 2026

11. **Design of a Hybrid AI-Driven Engineering Model for Energy-Efficient and Sustainable Educational Systems**
International Journal of Engineering Pedagogy (iJEP) | 2026 | Cited: 1

12. **Hybrid Neural Network-Genetic Algorithm Framework for EEG and ECG Signal Classification**
Journal of Machine and Computing 6 (1), 280-295, 2026 | 2026 | Cited: 3

13. **AI-Based Model for Home Waste Separation Using Raspberry Pi 5 AI Kit**
Physics and Chemistry of Solid State 27 (1), 44-51, 2026 | 2026 | Cited: 2

14. **The Impact of Intelligent Adaptive Learning on Flexible Thinking and Academic Achievement for Undergraduate Students**
International Journal of Engineering Pedagogy (iJEP) | 2026 | Cited: 1

15. **AI Model-Blockchain Integrated Decentralized Smart Grid Framework as a Pedagogical Model for Future Engineering Technology Education**
International Journal of Engineering Pedagogy (iJEP) | 2026

16. **Real-Time Image Denoising and Reconstruction Using Generative Adversarial Networks (GANs)**
Karbala International Journal of Modern Science 12 (3), 2, 2026 | 2026

17. **A Comprehensive Review on Design of Energy Harvesting Antennas for Charging Low Power Devices**
EPJ Web of Conferences 376, 06002, 2026 | 2026

18. **DESIGN AND OPTIMIZATION OF A HIGH-EFFICIENCY CRESCENT-SHAPED MICROSTRIP ANTENNA FOR MULTIBAND WIRELESS AND RF ENERGY HARVESTING SYSTEMS**
JOURNAL OF MECHANICS OF CONTINUA AND MATHEMATICAL SCIENCES 21 (5), 51-59, 2026 | 2026

19. **Lens Assisted Massive Antenna for mm-Wave Communication Systems**
Journal of Applied Research and Technology 24 (2), 169-178, 2026 | 2026

20. **ASSESSING LEARNING-BASED MODELS FOR INTRUSION DETECTION IN UAV NETWORKS**
Archives for Technical Sciences | 2026

21. **AI-Optimized Wake-Up Radio Systems for 6G IoT**
Al-Nahrain Journal for Engineering Sciences 29 (2), 260-272, 2026 | 2026

22. **Towards sustainable cropping: AI-driven precision agriculture for optimal water and pesticide use via drones and soil sensors**
Heritage and Sustainable Development 8 (1), 161 - 176, 2026 | 2026 | Cited: 2

23. **A Lightweight Explainable AI Framework for Early Brain Tumor Detection Using EEG Functional Connectivity**
Science, Engineering and Technology | 2026

24. **Haider Th. Salim ALRikabi. Analysis and Improvement of Information Security Technologies in Distributed and Asymmetric Systems**
Advances in Cyber-Physical Systems 10 (2), 158-162, 2025 | 2025 | Cited: 2

25. **Ribonucleic Acid (RNA) Cancer Clustering Using Directional Local-Binary-Pattern and Self-Organizing Map Network (SOM)**
Journal of Internet Services and Information Security 15 (2), 125-135, 2025 | 2025 | Cited: 2

26. **Using the Interstage Data Processing Method to Improve the Efficiency of Airspace Surveillance Systems**
International Conference on Applied Innovations in IT 1338, 519-535, 2025 | 2025 | Cited: 2

27. **Challenges and approaches of face recognition: A review**
AIP Conference Proceedings 3169 (1), 030026, 2025 | 2025

28. **Developing an advanced framework to recognize suspicious vehicles based on the Internet of Things applications using LOGO Net environment**
Journal of Internet Services and Information Security 15 (2), 610-621, 2025 | 2025 | Cited: 1

29. **Advances in Electrical and Computer Technologies: Proceedings of the 6th International Conference on Advances in Electrical and Computer Technologies (ICAECT 2024 ...**
CRC Press, 2025 | 2025 | Cited: 15

30. **ICCSIE 2025**
2025

31. **Review of the reconfigurable intelligent surfaces in smart cities: Opportunities, challenges, and applications**
IET Smart Cities 7 (1), e70003, 2025 | 2025 | Cited: 20

32. **Utilizing Machine Learning Techniques to Predict University Students' Digital Competence**
International Journal of Engineering Pedagogy 15 (3), 75–91, 2025 | 2025 | Cited: 11

33. **AI-based monkeypox detection model using Raspberry Pi 5 AI Kit**
Sustainable Engineering and Innovation 7 (1), 1-14, 2025 | 2025 | Cited: 14

34. **Advances in Electrical and Computer Technologies**
Advances in Electrical and Computer Technologies | 2025

35. **Energyaware collaborative routing protocol using bio-inspired algorithms for heterogeneous wireless sensor networks**
J Adv Inf Technol 16 (5), 696-709, 2025 | 2025 | Cited: 9

36. **A Two-Phase Clustering Framework for Adaptive Load Balancing in Vehicular Networks using OPTICS and K-Medoid algorithms**
National Journal of Antennas and Propagation 7 (2), 175-186, 2025 | 2025

37. **Investigation of the Internet of Things to Track the Distribution Temperature of Transformers with Accounting Residential Loads**
https://link.springer.com/book/10.1007/978-3-031-82881-2, 2025 | 2025

38. **Challenging the optimizing of reconfigurable intelligent surfaces with wireless MIMO-OFDM technology**
AIP Conference Proceedings 3305 (1), 040003, 2025 | 2025 | Cited: 1

39. **Using artificial intelligence for enhancement of solar cell efficiency in the south of Iraq**
2025 | Cited: 4

40. **AI-Based Arabic Sign Language to Voice Translation System**
Proceedings of the International Conference on Applied Innovations in IT ..., 2025 | 2025

41. **Investigation of an Interference Communication System to Overcome Cheating Based on IoT Techniques**
Conference of Recent Trends and Applications of Soft Computing in ..., 2025 | 2025 | Cited: 7

42. **Results in Engineering**
2025

43. **Investigation of AI with OpenCV-Python for Detecting Diabetes**
Conference of Recent Trends and Applications of Soft Computing in ..., 2025 | 2025 | Cited: 4

44. **Design and experimental evaluation of a reconfigurable intelligent surface for wireless applications**
Results in Engineering 26, 104694, 2025 | 2025 | Cited: 28

45. **ANALYSISAND IMPROVEMENT OF INFORMATION SECURITY TECHNOLOGIES IN DISTRIBUTED AND ASYMMETRIC SYSTEMS**
Complexity 60 (70), 75, 2025 | 2025

46. **The importance of reconfigurable intelligent surfaces in communication systems**
Advances in Electrical and Computer Technologies: Proceedings of the 6th ..., 2025 | 2025

47. **Reconfigurable intelligent surfaces with smart antenna opportunities and challenges**
AIP Conference Proceedings 3255 (1), 040009, 2025 | 2025 | Cited: 4

48. **A Model for Optimizing Packet Length in Airspace Surveillance Systems**
International Conference on Applied Innovations in IT 1338, 501-518, 2025 | 2025 | Cited: 3

49. **Recent Trends and Applications of Soft Computing in Engineering (RTASCE)--Sarajevo**
Springer, 2025 | 2025

50. **Designing and optimizing RIS unit cell with CST for mm-waves**
Journal of Applied Research and Technology 23 (4), 334-340, 2025 | 2025 | Cited: 1

51. **An Investigation into The Societal Attitudes and Acceptance of Treated Wastewater Reuse in An Area Experiencing Water Scarcity**
E3S Web of Conferences 621, 03003, 2025 | 2025 | Cited: 2

52. **E-learning in the Cloud Computing Environment: Features, Architecture, Challenges, and Solutions**
International Journal of Engineering Pedagogy | 2024 | Cited: 14

53. **Open engineering: The optimal allocation of thyristor-controlled series compensators for enhancement HVAC transmission lines Iraqi super grid by using seeker optimization algorithm**
de Gruyter, 2024 | 2024 | Cited: 2

54. **Development and implementation of a microstrip antenna for autonomous vehicles and IoT in 5G communication systems**
Journal of Applied Research and Technology 22 (6), 816-822, 2024 | 2024 | Cited: 3

55. **Employing topology optimization method to create optimum telecommunication tower design structure**
Sustainable Engineering and Innovation 6 (2), 261-274, 2024 | 2024

56. **A dumbbell shape reconfigurable intelligent surface for mm-wave 5G application**
International Journal of Intelligent Engineering and Systems 17 (6), 569-582, 2024 | 2024 | Cited: 14

57. **Using a chaotic digital system to generate random numbers for secure communication on 5G networks**
Engineering, Technology & Applied Science Research 14 (2), 13598-13603, 2024 | 2024 | Cited: 14

58. **Transformer-based automatic Arabic text diacritization**
Sustainable Engineering and Innovation 6 (2), 285-296, 2024 | 2024 | Cited: 9

59. **Reconfigurable intelligent surfaces between the reality and imagination**
Wasit Journal of Computer and Mathematics Science 3 (2), 42-50, 2024 | 2024 | Cited: 7

60. **The optimal allocation of thyristor-controlled series compensators for enhancement HVAC transmission lines Iraqi super grid by using seeker optimization algorithm**
Open Engineering 14 (1), 20220499, 2024 | 2024 | Cited: 9

61. **Automatic human age estimation from face images using MLP and RBF neural network algorithms in secure communication networks**
Sustainable Engineering and Innovation 6 (2), 185-198, 2024 | 2024 | Cited: 8

62. **Classification and removal of hazy images based on a transmission fusion strategy using the Alexnet network**
Karbala International Journal of Modern Science 10 (2), 14, 2024 | 2024 | Cited: 7

63. **Information and Communication Technology and its Impact on Improving the Quality of Engineering Education Systems**
International Journal of Engineering Pedagogy | 2024 | Cited: 17

64. **Design of a High Gain Yagi-Uda Antenna Array for VHF-Band Radar Applications**
Engineering, Technology & Applied Science Research 14 (5), 17188-17195, 2024 | 2024 | Cited: 4

65. **Optimization of capacity in non-Gaussian noise models with and without fading channels for sustainable communication systems**
Heritage and Sustainable Development 5 (2), 239, 2023 | 2023 | Cited: 18

66. **Gender Recognition of Human from Face Images Using Multi-Class Support Vector Machine (SVM) Classifiers**
International Journal of Interactive Mobile Technologies | 2023 | Cited: 32

67. **Enhancement the Educational Technology by Using 5G Networks**
International Journal of Emerging Technologies in Learning (iJET) 18 (01), 2023 | 2023 | Cited: 59

68. **Design and analysis of a DC motor speed drive with generalized regression neural network (GRNN) and invasive weed optimization (IWO) algorithms**
4TH INTERNATIONAL SCIENTIFIC CONFERENCE OF ALKAFEEL UNIVERSITY (ISCKU 2022 ..., 2023 | 2023 | Cited: 2

69. **Tuning of PID Controller for Speed Control of DC-Motor by using Generalized Regression Neural Network and Invasive Weed Optimization**
Wasit Journal of Engineering Sciences 11 (3), 45-56, 2023 | 2023 | Cited: 2

70. **Secured Transfer and Storage Image Data for Cloud Communications**
International journal of online and biomedical engineering | 2023 | Cited: 32

71. **An Investigation into Faults of PV system using Machine Learning: A Systematic Review**
2023 Third International Conference on Advances in Electrical, Computing ..., 2023 | 2023 | Cited: 6

72. **Detecting and diagnosing faults in PV systems based on machine learning techniques using MATLAB**
4TH INTERNATIONAL SCIENTIFIC CONFERENCE OF ALKAFEEL UNIVERSITY (ISCKU 2022 ..., 2023 | 2023

73. **A survey on the latest FET technology for samsung industry**
4TH INTERNATIONAL SCIENTIFIC CONFERENCE OF ALKAFEEL UNIVERSITY (ISCKU 2022 ..., 2023 | 2023 | Cited: 3

74. **Watermark hiding in HDR image based on visual saliency and tucker decomposition**
Karbala International Journal of Modern Science 9 (3), 6, 2023 | 2023 | Cited: 4

75. **Adaptive HDR Image Blind Watermarking Approach Based on Redundant Discrete Wavelet Transform**
International Journal of Interactive Mobile Technologies | 2023 | Cited: 4

76. **Digital citizenship for faculty of Iraqi universities**
Periodicals of Engineering and Natural Sciences 11 (2), 263-274, 2023 | 2023 | Cited: 20

77. **Enhancement of the Fifth Generation of Wireless Communication by Using a Search Optimization Algorithm**
International Journal of Online and Biomedical Engineering(iJOE) 19 (11 ..., 2023 | 2023 | Cited: 7

78. **A Control System of DC Motor Speed: Systematic Review**
Wasit Journal of Computer and Mathematics Sciences 2 (1), 93-111, 2023 | 2023 | Cited: 17

79. **Fault Detection System of Photovoltaic Based on Artificial Neural Network**
Wasit Journal of Engineering Sciences 11 (1), 93-104, 2023 | 2023 | Cited: 7

80. **A Novel Method of Invisible Video Watermarking Based on Index Mapping and Hybrid DWT-DCT**
International Journal of Online and Biomedical Engineering(iJOE) 19 (04 ..., 2023 | 2023 | Cited: 27

81. **The effect of irradiance, tilt angle, and partial shading on PV performance**
AIP Conference Proceedings 2457 (1), 050008, 2023 | 2023 | Cited: 8

82. **Detection of power transmission lines faults based on voltages and currents values using K-nearest neighbors**
International Journal of Power Electronics and Drive Systems (IJPEDS) 14 (02 ..., 2023 | 2023 | Cited: 8

83. **Enhancement of Online Education in Engineering College Based on Mobile Wireless Communication Networks and IOT**
International Journal of Emerging Technologies in Learning (iJET) 18 (01), 2023 | 2023 | Cited: 81

84. **High-Flow Nasal Cannula Versus Noninvasive Ventilation in Patients With Acute Exacerbation of Chronic Obstructive Pulmonary Disease: A Systematic Review and Meta-analysis of ...**
American Journal of Therapeutics, 10.1097, 2022 | 2022

85. **DR-LL Gan: diabetic retinopathy lesions synthesis using generative adversarial network**
International Journal of Online and Biomedical Engineering (iJOE), 2022 | 2022 | Cited: 44

86. **Efficiency assess-ment of using eneration facilities with landfill gas**
Smart Electrical Engineering 4 (95-111), 2022 | 2022

87. **Effect of augmented reality technology on spatial intelligence among high school students**
2022 | Cited: 66

88. **Evaluation of the Interference's Impact of Cooperative Surveillance Systems Signals Processing for Healthcare**
International journal of online and biomedical engineering | 2022 | Cited: 40

89. **EFFICIENCY ASSESSMENT OF USING GENERATION FACILITIES WITH LANDFILL GAS**
Интеллектуальная электротехника 4, 95-111, 2022 | 2022

90. **Encryption of Color Image Based on DNA Strand and Exponential Factor**
International journal of online and biomedical engineering | 2022 | Cited: 48

91. **ICCSIE 2022**
2022

92. **Design and Implementation a system for Monitoring the COVID19 patients Based on the Internet of Thing Applications**
International Journal of Recent Contributions from Engineering, Science & IT ..., 2022 | 2022

93. **Computational Thinking (CT) Among University Students**
International Journal of Interactive Mobile Technologies | 2022 | Cited: 50

94. **Enhancement of the efficiency of solar energy cells by selecting suitable places based on the simulation of PV System**
Periodicals of Engineering and Natural Sciences 10 (2), 80-88, 2022 | 2022 | Cited: 12

95. **A Novel Method of Multimodal Medical Image Fusion Based on Hybrid Approach of NSCT and DTCWT**
International Journal of Online & Biomedical Engineering 18 (3), 114-133, 2022 | 2022 | Cited: 129

96. **Salim ALRikabi**
University of Misan, Maysan, Iraq,"A Novel Method of Multimodal Medical ..., 2022 | 2022 | Cited: 2

97. **Enhancement the Efficiency of Solar Cell by using Internet of Things Applications**
Wasit Journal of Engineering Sciences 10 (1), 2022 | 2022 | Cited: 1

98. **Design and implementation a smart system for monitoring the electrical energy based on the Internet of Things**
Wasit Journal of Engineering Sciences 10 (2), 92-100, 2022 | 2022 | Cited: 10

99. **Impact of Cloud, Rain, Humidity, and Wind Velocity on PV Panel Performance**
WASIT JOURNAL OF ENGINEERING SCIENCES 10 (2), 2022 | 2022 | Cited: 18

100. **Impact of temperature and dust deposition on PV panel performance**
AIP conference proceedings 2394 (1), 090044, 2022 | 2022 | Cited: 16

101. **Secure Chaos of 5G Wireless Communication System Based on IOT Applications**
International Journal of Online and Biomedical Engineering(iJOE) 18 (12 ..., 2022 | 2022 | Cited: 48

102. **Face patterns analysis and recognition system based on quantum neural network QNN**
iJIM 16 (08), 35, 2022 | 2022 | Cited: 56

103. **Enhancing the efficiency of photovoltaic power system by submerging it in the rivers**
Telkomnika (Telecommunication Computing Electronics and Control) 20 (1), 166-172, 2022 | 2022 | Cited: 20

104. **Enhancing the Efficiency of Solar Cell Based on the Internet of Things Applications**
WASIT JOURNAL OF ENGINEERING SCIENCES 10 (1), 2022 | 2022 | Cited: 7

105. **Li-Fi future technology, architecture, and their constraints**
Texas Journal of Engineering and Technology 9, 167-174, 2022 | 2022 | Cited: 5

106. **Investigation the factors affecting on the performance of PV system**
AIP Conference Proceedings 2394 (1), 090016, 2022 | 2022 | Cited: 7

107. **Dark web illegal activities crawling and classifying using data mining techniques**
iJIM 16 (10), 123, 2022 | 2022 | Cited: 78

108. **Analysis of the problems of electricity in Iraq and recommendations of methods of overcoming them**
Periodicals of Engineering and Natural Sciences 10 (1), 607-614, 2022 | 2022 | Cited: 33

109. **Design a system for an approved video copyright over cloud based on biometric iris and random walk generator using watermark technique**
Periodicals of Engineering and Natural Sciences 10 (1), 178-187, 2022 | 2022 | Cited: 53

110. **Study the effect of Environmental Factors on the performance of Photovoltaic Module**
Wasit Journal of Engineering Sciences 10, 2022 | 2022 | Cited: 28

111. **Design and Implementation a Smart System for Monitoring the Electrical Energy based on the Internet of Things Applications**
WASIT JOURNAL OF ENGINEERING SCIENCES 10 (2), 2022 | 2022

112. **Eliminate the Migration of Farmers to Cities by Supporting Renewable Energy Projects**
International Journal of Recent Contributions from Engineering, Science & IT ..., 2022 | 2022

113. **Automated cheating detection based on video surveillance in the examination classes**
iJIM 16 (08), 125, 2022 | 2022 | Cited: 36

114. **Smart learning based on Moodle E-learning platform and digital skills for University students**
International Journal of Recent Contributions from Engineering, Science & IT ..., 2022 | 2022 | Cited: 64

115. **Advanced Computational Paradigms and Hybrid Intelligent Computing**
2021 | Cited: 9

116. **Design and Implementation of Smart City Applications Based on the Internet of Things**
International Journal of Interactive Mobile Technologies 15 (13), 4-15, 2021 | 2021 | Cited: 180

117. **Enhanced data security of communication system using combined encryption and steganography**
iJIM 15 (16), 145, 2021 | 2021 | Cited: 118

118. **The Detection of Counterfeit Banknotes Using Ensemble Learning Techniques of AdaBoost and Voting.**
International Journal of Intelligent Engineering & Systems 14 (1), 2021 | 2021 | Cited: 87

119. **Encryption system for hiding information based on internet of things**
International Association of Online Engineering, 2021 | 2021 | Cited: 55

120. **Anticipating atrial fibrillation signal using efficient algorithm**
International Association of Online Engineering, 2021 | 2021 | Cited: 51

121. **Generation of high dynamic range for enhancing the panorama environment**
Bulletin of Electrical Engineering and Informatics 10 (1), 138-147, 2021 | 2021 | Cited: 65

122. **Monitoring the Consumption of Electrical Energy Based on the Internet of Things Applications.**
International Journal of Interactive Mobile Technologies 15 (7), 2021 | 2021 | Cited: 52

123. **Internet of Things (IoT) application in the assessment of learning process**
IOP Conference Series: Materials Science and Engineering 1184 (1), 012002, 2021 | 2021 | Cited: 46

124. **A comprehensive system for detection of flammable and toxic gases using IoT**
Periodicals of Engineering and Natural Sciences 9 (2), 702-711, 2021 | 2021 | Cited: 48

125. **Abnormal behavior detection of students in the examination hall from surveillance videos**
Advanced Computational Paradigms and Hybrid Intelligent Computing ..., 2021 | 2021 | Cited: 36

126. **Finding the discriminative frequencies of motor electroencephalography signal using genetic algorithm**
TELKOMNIKA 19 (1), 285-291, 2021 | 2021 | Cited: 41

127. **The influence E-Learning platforms of Undergraduate Education in Iraq**
International Journal of Recent Contributions from Engineering, Science & IT ..., 2021 | 2021 | Cited: 26

128. **Design and implementation control system for a self-balancing robot based on internet of things by using Arduino microcontroller**
Periodicals of Engineering and Natural Sciences 9 (3), 409-417, 2021 | 2021 | Cited: 37

129. **Using cooling system for increasing the efficiency of solar cell**
Journal of Physics: Conference Series 1973 (1), 012129, 2021 | 2021 | Cited: 33

130. **Controlling and monitoring a robot-car based on smart phone applications**
IOP conference series: Materials science and engineering 1094 (1), 012096, 2021 | 2021 | Cited: 19

131. **Design and implementation of a smart system for school children tracking**
IOP conference series: materials science and engineering 1090 (1), 012033, 2021 | 2021 | Cited: 18

132. **Design and Implementation of Sunlight Tracking Based on the Internet of Things**
IOP Conference Series: Earth and Environmental Science 877 (012026), 11, 2021 | 2021 | Cited: 20

133. **Using Internet of Things application for Monitoring Photo-Voltaic Panel Based on Ask Sensors Cloud**
Design Engineering, 3884-3896, 2021 | 2021 | Cited: 17

134. **Using IoT Applications for Detection and Monitoring of Underground Cable Fault**
IOP Conf. Series: Materials Science and Engineering 1184 (012003), 2021 | 2021 | Cited: 12

135. **Potentiometric determination of fexofenadinehydrochloride drug by fabrication of liquid membrane electrodes**
Egyptian Journal of Chemistry 64 (11), 6293-6300, 2021 | 2021 | Cited: 8

136. **Impact of Substrate Temperatures On the Properties of V2O5 Thin Films Deposited by Pulsed Laser Deposition**
Journal of Physics: Conference Series 1973 (1), 012074, 2021 | 2021 | Cited: 10

137. **zubidi, and HTS ALRikabi," Design and implementation control system for a self-balancing robot based on internet of things by using Arduino microcontroller**
Period. Eng. Nat. Sci 9 (3), 409, 2021 | 2021 | Cited: 6

138. **The Impact of Teaching by Using STEM Approach in The Development of Creative Thinking and Mathematical Achievement Among the Students of The Fourth Scientific Class.**
International Journal of Interactive Mobile Technologies 15 (13), 2021 | 2021 | Cited: 152

139. **Tactical thinking and its relationship with solving mathematical problems among mathematics department students**
International Journal of Emerging Technologies in Learning (iJET) 16 (9 ..., 2021 | 2021 | Cited: 86

140. **Cloud computing and its impact on online education**
IOP Conference Series: Materials Science and Engineering 1094 (1), 012024, 2021 | 2021 | Cited: 82

141. **The impact of CATs on mathematical thinking and logical thinking among fourth-class scientific students**
International Journal of Emerging Technologies in Learning 16 (10), 194-211, 2021 | 2021 | Cited: 77

142. **Economic Feasibility Study of a Hybrid Power Station Between Solar Panels and Wind Turbine with The National Grid in Al- Hayy City in the Central of Iraq**
IOP Conf. Series: Materials Science and Engineering 1184 (012001), 2021 | 2021 | Cited: 19

143. **Credit Card Fraud Detection Using Fuzzy Rough Nearest Neighbor and Sequential Minimal Optimization with Logistic Regression**
International Journal of Interactive Mobile Technologies | 2021 | Cited: 111

144. **Impact of Substrate Temperatures on the Properties of V₂O₅Thin Films Deposited by Pulsed Laser Deposition**
Journal of Physics: Conference Series | 2021

145. **Mobile Application to Detect Covid-19 Pandemic by Using Classification Techniques: Proposed System**
International Journal of Interactive Mobile Technologies | 2021 | Cited: 44

146. **Potentiometric Determination of Fexofenadine Hydrochloride Drug by Fabrication of Liquid Membrane Electrodes. Egypt**
J. Chem 64, 6293-6300, 2021 | 2021 | Cited: 6

147. **Al-Dabag Mohand Lokman and Salim Alrikabi Haider Th. 2021 Encryption System for Hiding Information Based on Internet of Things**
International Journal of Interactive Mobile Technologies (iJIM) 15, 2021 | 2021 | Cited: 2

148. **Salim, Design and Implementation of Smart City Applications Based on the Internet of Things**
International Journal of Interactive Mobile Technologies (iJIM) July, 2021 | 2021

149. **Smart shopping system with RFID technology based on internet of things (2020)**
DOI: https://doi. org/10.3991/ijim. v14i04 13511, 2020 | 2020 | Cited: 2

150. **Smart Shopping System with RFID Technology Based on Internet of Things**
International Journal of Interactive Mobile Technologies 14 (4), 17-29, 2020 | 2020 | Cited: 70

151. **Design and Implementation of an E-learning Platform Using N-Tier Architecture**
International Journal of Interactive Mobile Technologies 14 (6), 171-185, 2020 | 2020 | Cited: 75

152. **Combination of hiding and encryption for data security**
International Journal of Interactive Mobile Technologies 14 (9), 34-47, 2020 | 2020 | Cited: 76

153. **The application of wireless communication in IOT for saving electrical energy**
International Journal of Interactive Mobile Technologies | 2020 | Cited: 64

154. **The Interactive Role Using the Mozabook Digital Education Application and its Effect on Enhancing the Performance of eLearning**
International Journal of Emerging Technologies in Learning (iJET) 15 (20), 21-41, 2020 | 2020 | Cited: 80

155. **Enhancement of educational services by using the internet of things applications for talent and intelligent schools**
Periodicals of Engineering and Natural Sciences 8 (4), 2020 | 2020 | Cited: 87

156. **Simulation Study to Calculate the Vibration Energy of Two Molecules of Hydrogen Chloride and Carbon Oxide**
Journal of Green Engineering 10 (9), 5989-6010, 2020 | 2020 | Cited: 22

157. **Bordering a set of energy criteria for the contributing in the transition level to sustainable energy in electrical Iraqi Projects**
Periodicals of Engineering and Natural Sciences 8 (1), 516-525, 2020 | 2020 | Cited: 49

158. **Design and implementation of a smart traffic light management system controlled wirelessly by arduino**
International Association of Online Engineering, 2020 | 2020 | Cited: 40

159. **Efficient RTS and CTS mechanism which save time and system resources**
International Association of Online Engineering, 2020 | 2020 | Cited: 47

160. **Using internet of things application for disposing of solid waste**
International Association of Online Engineering, 2020 | 2020 | Cited: 45

161. **Efficient Energy of Smart Grid Education Models for Modern Electric Power System Engineering in Iraq**
IOP Conference Series: Materials Science and Engineering 870, 2020 | 2020 | Cited: 51

162. **Using modern education technique in Wasit university**
International Association of Online Engineering, 2020 | 2020 | Cited: 78

163. **Short Paper-The Application of Wireless Communication in IOT for Saving Electrical Energy The Application of Wireless Communication in IOT for Saving Electrical Energy**
2020

164. **Reducing the data rate in internet of things applications by using wireless sensor network**
International Association of Online Engineering, 2020 | 2020 | Cited: 50

165. **Hussein Tuama, Nawar S**
Alseelawi," Bordering a set of energy criteria for the contributing in the ..., 2020 | 2020 | Cited: 2

166. **IAJIJ o**
O. Aljazaery, and B. Engineering," Reducing the Data Rate in Internet of ..., 2020 | 2020 | Cited: 36

167. **Water desalination and purification using desalination units powered by solar panels**
Periodicals of Engineering and Natural Sciences 7 (3), 2019 | 2019 | Cited: 45

168. **A predictive model for liver disease progression based on logistic regression algorithm**
Periodicals of Engineering and Natural Sciences 7 (3), 2019 | 2019 | Cited: 52

169. **Potentiometric Determination of Fexofenadine Hydrochloride Drug by Fabrication of Liquid Membrane Electrodes**
2019

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