



Mustafa Qahtan Abdulmeun ali

مصطفى قحطان عبد المنعم السوداني

Assistant Professor

ACADEMIC TITLES

2024-02-22

Assistant Professor

PUBLICATIONS (3 7)

- The impact of public Wi-Fi expansion on mobile network operators: Analysing consumer preferences and revenue implications**
2025 | Cited: 1
- Comparative evaluation of data mining algorithms in breast cancer**
Indonesian Journal of Electrical Engineering and Computer Science 31 (2 ...), 2023 | 2023
- Assessment of control and monitoring system design security using the attack security tree analysis method**
Indonesian Journal of Electrical Engineering and Computer Science | 2023
- Human Emotion Detection from Big Data Using Deep Learning Approach**
International Journal of Cooperative Information Systems, 2023 | 2023
- Smart logistics with IoT-based enterprise management system using global manufacturing**
Journal of Combinatorial Optimization | 2023
- Automatic Laser Engraving Machine for Different Materials based on Microcontroller**
Malaysian Journal of Fundamental and Applied Sciences 19 (3), 324-331, 2023 | 2023 | Cited: 3
- Positioning optimization of UAV (drones) base station in communication networks**
Malaysian Journal of Fundamental and Applied Sciences 19 (3), 429-439, 2023 | 2023 | Cited: 4
- RETRACTED ARTICLE: Smart logistics with IoT-based enterprise management system using global manufacturing**
Journal of combinatorial optimization 45 (2), 57, 2023 | 2023 | Cited: 64
- Automatic car number plate detection using morphological image processing**
Malaysian Journal of Fundamental and Applied Sciences 19 (3), 379-388, 2023 | 2023 | Cited: 5
- Blockchain-based e-Medical Record and Data Security Service Management based on IoMT resource**
Journal of Intelligent Systems and Internet of Things 8 (2), 86-6-100, 2023 | 2023 | Cited: 35
- Retraction Note: Smart logistics with IoT-based enterprise management system using global manufacturing**
Journal of Combinatorial Optimization | 2023
- A clustering approach to improve VANETs performance**
Bulletin of Electrical Engineering and Informatics 12 (5), 2978-2985, 2023 | 2023 | Cited: 10
- A new hybrid teaching learning based optimization-extreme learning machine model based intrusion-detection system**
Materials Today: Proceedings 80, 2701-2705, 2023 | 2023 | Cited: 20
- Storage and encryption file authentication for cloud-based data retrieval**
Bulletin of Electrical Engineering and Informatics 11 (2), 1110-1116, 2022 | 2022 | Cited: 6
- A new hybrid teaching learning based Optimization -Extreme learning Machine model based Intrusion-Detection system**
Materials Today: Proceedings | 2021
- Proposed intelligence systems based on digital Forensics: Review paper**
Materials Today: Proceedings | 2021

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RESEARCH METRICS

h-index (Scopus)	7
h-index (GS)	9
Citations (Scopus)	191
Citations (GS)	290
Documents (Scopus)	18
Documents (GS)	32

RESEARCH INTERESTS

• cybersecurity



17. **Proposed intelligence systems based on digital Forensics**
Materials Today: Proceedings, 2021 | 2021 | Cited: 6
18. **Channel estimation of OFDM in c-band communication systems under different distribution conditions**
Indonesian Journal of Electrical Engineering and Computer Science 23 (3 ...), 2021 | 2021 | Cited: 13
19. **AvTA Based Assessment of Dependability Considering Recovery After Failures and Attacks on Vulnerabilities**
2019 10th IEEE International Conference on Intelligent Data Acquisition and ...; 2019 | 2019 | Cited: 2
20. **Availability Models and Maintenance Strategies for Smart Building Automation Systems Considering Attacks on Component Vulnerabilities**
Advances in Dependability Engineering of Complex Systems | 2018 | Cited: 17
21. **Model of information and control systems in smart buildings with separate maintenance by reliability and security**
CEUR-WS, 2018 | 2018 | Cited: 2
22. **Availability models and maintenance strategies for smart building automation systems considering attacks on component vulnerabilities**
Advances in Dependability Engineering of Complex Systems, 186-195, 2017 | 2017 | Cited: 17
23. **МОДЕЛЬ ГОТОВНОСТІ ІНФОРМАЦІЙНО-КЕРУЮЧОЇ СИСТЕМИ РОЗУМНОГО БУДИНКУ З УРАХУВАННЯМ ПРОВЕДЕННЯ ОБМЕЖЕНОЇ КІЛЬКОСТІ РОЗДІЛЬНИХ ОБСЛУГОВУВАНЬ**
ББК 72А-43, 99, 2017 | 2017
24. **Secure and resilient systems, networks and infrastructures**
Department of Education and Science of Ukraine, National Aerospace ...; 2017 | 2017
25. **Design and implementation of large scale network**
International Journal of Engineering & Technology 6 (3), 93-100, 2017 | 2017
26. **SECURE AND RESILIENT COMPUTING FOR INDUSTRY AND HUMAN DOMAINS. Secure and resilient systems, networks and infrastructures**
2017
27. **Security and availability models for smart building automation systems**
Research Institute of Intelligent Computer Systems, 2017 | 2017 | Cited: 53
28. **The method of IMECA-based security assessment: case study for building automation system**
Системи обробки інформації, 138-144, 2016 | 2016 | Cited: 12
29. **ATA-based security assessment of smart building automation systems**
Radioelectronic and computer systems, 30-40, 2016 | 2016 | Cited: 6
30. **Availability and security assessment of smart building automation systems: combining of attack tree analysis and Markov models**
2016 Third International Conference on Mathematics and Computers in Sciences ...; 2016 | 2016 | Cited: 28
31. **ОЦІНЮВАННЯ БЕЗПЕКИ ІНФОРМАЦІЙНО-КЕРУЮЧИХ СИСТЕМ РОЗУМНИХ БУДИНКІВ З ВИКОРИСТАННЯМ ДЕРЕВ АНАЛІЗУ АТАК**
Radioelectronic and Computer Systems, 30-40, 2016 | 2016
32. **Метод мінімізації часу усунення дефектів і вразливостей в інформаційно-управляючій системі" розумного" будинку при загальному обслуговуванні по надійності і безпеці**
ХНТУСГ, 2016 | 2016
33. **Markov models availability of information and control system of smart buildings with separate and common maintenance in terms of reliability and security**
Syst. Control Navig. Commun 4 (36), 88-94, 2015 | 2015 | Cited: 2
34. **Cybersecurity of FPGA-based automation systems for smart building**
Радіoeлектронні і комп'ютерні системи, 39-46-39-46, 2015 | 2015
35. **Vulnerability analysis of wireless networks: case for smart building automation system**
Радіoeлектронні і комп'ютерні системи, 69-76-69-76, 2015 | 2015

36. **МАРКОВСКИЕ МОДЕЛИ ГОТОВНОСТИ ИНФОРМАЦИОННО-УПРАВЛЯЮЩЕЙ СИСТЕМЫ «УМНОГО» ДОМА ПРИ РАЗДЕЛЬНОМ И ОБЩЕМ ОБСЛУЖИВАНИИ ПО НАДЕЖНОСТИ И БЕЗОПАСНОСТИ**
Системи упр., навігації та зв'язку. – 2015. – Вип 4 (36), 88-94, 2015 / 2015 / Cited: 2
37. **The method of IMECA-based security assessment: case study for building automation system/ Mustafa Qahtan Abdulmunem Al-Sudani, Waleed Al-Khafaji Ahmed, VS Kharchenko**
Системи обробки інформації. – 2016. – Вип 1, 138-144, 0 / 0