



Zaid Abdi Alkareem Yahya Alyasseri

زيد عبد الكريم يحيى الياسري

Associate Professor

PROFILE

Zaid Abdi Alkareem Alyasseri received the B.Sc. degree in computer science from Babylon University, Babylon-Iraq, in 2007, and the M.Sc. degree in computer science from University Science Malaysia (USM), Penang-Malaysia, in 2013, and the Ph.D. from USM in the field of Artificial Intelligence (Brain-Inspired Computing) in 2020.

His main research interests include Optimization, Pattern recognition, EEG, Brain-Computer Interface, Signal and Image Processing, Machine and Deep Learning.

ACADEMIC TITLES

2021-11-02 Associate Professor

ADMINISTRATIVE POSITIONS

2013-06-01 - 2013-10-21 Coordinator

2022-06-01 - Present Director of the Scientific Affairs dept.

INTERNATIONAL MEMBERSHIPS

• IEEE Senior member

PUBLICATIONS (1 8 9)

- Multi scale deep residual network for single image super-resolution using mean-std normalization and Bayesian hyperparameter optimization**
Discover Computing 29 (1), 75, 2026 | 2026
- A Novel Stateful Authentication Framework Approach with LLM-based IDS for MQTT Security**
IEEE Internet of Things Journal, 2026 | 2026
- Security, Privacy, and AI Integration in Educational Metaverse: A Comprehensive Review and Framework**
Journal of Educational Computing Research, 07356331261436249, 2026 | 2026
- Security, Privacy, and AI Integration in Educational Metaverse: A Comprehensive Review and Framework**
Journal of Educational Computing Research, 07356331261436249, 2025 | 2025
- Hybrid white shark optimizer with differential evolution for training multi-layer perceptron neural network**
Journal of Intelligent Systems 34 (1), 20240362, 2025 | 2025
- A Novel Stateful Authentication Framework Approach with LLM-based IDS for MQTT Security**
IEEE Internet of Things Journal, 2025 | 2025
- AntDroidNet cybersecurity model: A hybrid integration of ant colony optimization and deep neural networks for android malware detection**
Mesopotamian Journal of CyberSecurity 5 (1), 104-120, 2025 | 2025 | Cited: 17
- Sustainable secure blockchain assisted AIoT and green multi-constraints supply chain system**
IEEE Internet of Things Journal, 2025 | 2025 | Cited: 11

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EDUCATION

دكتوراه (07-02-2020)

Brain-Inspired Computing

Universiti Sains Malaysia

RESEARCH METRICS

h-index (Scopus) 31

h-index (GS) 37

Citations (Scopus) 3416

Citations (GS) 4699

Documents (Scopus) 113

Documents (GS) 150



9. **A hybrid ABC-based online evolving spiking neural network for unsupervised anomaly detection in streaming data**
PeerJ Computer Science 11, e3184, 2025 | 2025
10. **Multi-objective Markov-enhanced adaptive whale optimization (MOMEAWO) cybersecurity model for binary and multi-class malware cyberthreat classification**
Journal of Electronic Science and Technology, 100334, 2025 | 2025
11. **WOA-COVID-19: Whale Optimization Algorithm for Selection of Multi-Examination Features based on COVID-19 Infections**
Mesopotamian Journal of Computer Science 2025, 172-185, 2025 | 2025
12. **EEG channels selection for stroke patients rehabilitation using equilibrium optimizer**
Journal of Intelligent Systems 34 (1), 20240252, 2025 | 2025 | Cited: 1
13. **Application of Patent Law to Software in the IoT Context**
Sriwijaya Law Review, 457-479, 2025 | 2025
14. **ENHANCED EEG SIGNAL CLASSIFICATION FOR AUTISM SPECTRUM DISORDER USING RIEMANNIAN GEOMETRY AND ENSEMBLE LEARNING TECHNIQUES**
Kufa Journal of Engineering 16 (3), 176-198, 2025 | 2025
15. **OptiGuard-GNN Cybersecurity Model: Leveraging Multi-Criteria Optimization and Graph Neural Networks for Enhanced Detection of Distributed Denial of Service Attacks**
International Journal of Intelligent Engineering and Systems, 2025 | 2025 | Cited: 3
16. **Hybrid Multi-Descriptor and Deep Belief Network Model for Acute Lymphoblastic Leukaemia Diagnosis**
Fusion: Practice and Applications (FPA), 2025 | 2025
17. **Hybrid Multi-Descriptor and Deep Belief Network Model for Acute Lymphoblastic Leukaemia Diagnosis.**
Fusion: Practice & Applications 20 (1), 2025 | 2025
18. **Hyper clustering model for dynamic network intrusion detection**
Iet Communications 19 (1), e12523, 2025 | 2025 | Cited: 38
19. **Sustainable secure blockchain assisted AIoT and green multi-constraints supply chain system**
IEEE Internet of Things Journal, 2025 | 2025 | Cited: 10
20. **Hybridizing flower pollination algorithm with particle swarm optimization for enhancing the performance of IPv6 intrusion detection system**
Alexandria Engineering Journal 110, 376, 2025 | 2025 | Cited: 18
21. **AntDroidNet Cybersecurity Model: A Hybrid Integration of Ant Colony Optimization and Deep Neural Networks for Android Malware Detection**
Mesopotamian Journal of Cybersecurity 5 (1), 104-120, 2025 | 2025 | Cited: 12
22. **A recent advances on autism spectrum disorders in diagnosing based on machine learning and deep learning**
Artificial Intelligence Review 58 (10), 313, 2025 | 2025 | Cited: 16
23. **Prioritizing Network-On-Chip Routers for Countermeasure Techniques against Flooding Denial-of-Service Attacks: A Fuzzy Multi-Criteria Decision-Making Approach.**
Computer Modeling in Engineering & Sciences (CMES) 142 (3), 2025 | 2025 | Cited: 7
24. **FortifyGuard Cybersecurity Model: Fortifying Cybersecurity through an Enhanced Marine Predators Algorithm and Transformer-Based Approach for Advanced Malware Detection**
2025 | Cited: 6
25. **Hyperparameters optimization of evolving spiking neural network using artificial bee colony for unsupervised anomaly detection**
Journal of Intelligent Systems 34 (1), 20240235, 2025 | 2025 | Cited: 2
26. **Improving arabic signature authentication with quantum inspired evolutionary feature selection**
Multimedia Tools and Applications 83 (28), 71495-71524, 2024 | 2024 | Cited: 4
27. **EEG channel selection for stroke patient rehabilitation using BAT optimizer**
Algorithms 17 (8), 346, 2024 | 2024 | Cited: 5
28. **Multi-objective unsupervised feature selection and cluster based on symbiotic organism search**
Algorithms 17 (8), 355, 2024 | 2024 | Cited: 11

29. **An efficient layout index characters for automatic license plate recognition system based on the yolo-v8 detector**
2024 IEEE 8th International Conference on Signal and Image Processing ... 2024 | 2024 | Cited: 8
30. **Malware cyberattacks detection using a novel feature selection method based on a modified whale optimization algorithm**
Wireless Networks 30 (9), 7257-7273, 2024 | 2024 | Cited: 21
31. **Recent advances of whale optimization algorithm, its versions and applications**
Handbook of whale optimization algorithm, 9-31, 2024 | 2024 | Cited: 21
32. **A Communication-Efficient Federated Learning Framework for Sustainable Development Using Lemurs Optimizer**
Algorithms 17 (4), 160, 2024 | 2024 | Cited: 9
33. **A systematic review of symbiotic organisms search algorithm for data clustering and predictive analysis**
Journal of Intelligent Systems 33 (1), 20230267, 2024 | 2024 | Cited: 6
34. **Lighting enhancement of underwater image using coronavirus herd immunity optimizer**
Alexandria Engineering Journal 91, 115-125, 2024 | 2024 | Cited: 4
35. **Improving arabic signature authentication with quantum inspired evolutionary feature selection**
Multimedia Tools and Applications, 1-30, 2024 | 2024
36. **Sizing optimization of truss structures using hybrid whale optimization algorithm**
Handbook of Whale Optimization Algorithm, 309-327, 2024 | 2024 | Cited: 2
37. **Hybrid whale optimization algorithm for enhancing K-means clustering technique**
Handbook of Whale Optimization Algorithm, 387-409, 2024 | 2024 | Cited: 2
38. **Recent advances of whale optimization algorithm, its versions and applications**
Handbook of Whale Optimization Algorithm, 9-31, 2024 | 2024 | Cited: 1
39. **Binary nonogram puzzle based data hiding technique for data security**
Multimedia Tools and Applications 83 (2), 4951-4992, 2024 | 2024
40. **An Optimal EEG Features Extraction Methods for Autism Detection**
International Conference on Computing and Communication Networks, 619-632, 2024 | 2024
41. **One-class Arabic signature verification: A progressive fusion of optimal features**
Computers, Materials, & Continua 75 (1), 219, 2023 | 2023 | Cited: 3
42. **Marine Predators Algorithm: A Review: MA Al-Betar et al.**
Archives of Computational Methods in Engineering 30 (5), 3405-3435, 2023 | 2023 | Cited: 81
43. **Web accessibility automatic evaluation tools: to what extent can they be automated? IA Doush et al.**
CCF Transactions on Pervasive Computing and Interaction 5 (3), 288-320, 2023 | 2023 | Cited: 41
44. **Recent advances in butterfly optimization algorithm, its versions and applications**
Archives of Computational Methods in Engineering 30 (2), 1399-1420, 2023 | 2023 | Cited: 66
45. **Malware cyberattacks detection using a novel feature selection method based on a modified whale optimization algorithm**
Wireless Networks, 1-17, 2023 | 2023
46. **Advancements in Lossless and Reversible Compression of Digital Pathology Images via Auto-Recursive Set Partitioning in Hierarchical Trees and Wavelet Decomposition.**
Traitement du Signal 40 (6), 2023 | 2023
47. **Archive-based coronavirus herd immunity algorithm for optimizing weights in neural networks**
Neural Computing and Applications, 1-19, 2023 | 2023 | Cited: 4
48. **A review on role of image processing techniques to enhancing security of IoT applications**
IEEE Access, 2023 | 2023 | Cited: 1
49. **Enhanced PSO Algorithm for Detecting DRDoS Attacks on LDAP Servers.**
International Journal of Intelligent Engineering & Systems 16 (5), 2023 | 2023 | Cited: 15
50. **An optimization method for underwater images enhancement**
Wasit Journal for Pure sciences 2 (2), 340-351, 2023 | 2023 | Cited: 1

51. **Binary nonogram puzzle based data hiding technique for data security**
Multimedia Tools and Applications, 1-42, 2023 | 2023
52. **A Genetic Algorithm Based One Class Support Vector Machine Model for Arabic Skilled Forgery Signature Verification**
Journal of Imaging 9 (4), 79, 2023 | 2023 | Cited: 8
53. **A Recent Review of Underwater Image Enhancement Techniques**
Doctoral Symposium on Computational Intelligence, 519-538, 2023 | 2023 | Cited: 2
54. **Modified Flower Pollination Algorithm for ICMPv6-Based DDoS Attacks Anomaly Detection**
Procedia Computer Science 220, 776-781, 2023 | 2023 | Cited: 12
55. **One-Class Arabic Signature Verification: A Progressive Fusion of Optimal Features**
CMC-COMPUTERS MATERIALS & CONTINUA 75 (1), 219-242, 2023 | 2023 | Cited: 1
56. **Multi-objective flower pollination algorithm: a new technique for EEG signal denoising**
Neural Computing and Applications, 1-20, 2023 | 2023 | Cited: 11
57. **Marine predators algorithm: A review**
Archives of Computational Methods in Engineering 30 (5), 3405-3435, 2023 | 2023 | Cited: 70
58. **A hybrid cracked tiers detection system based on adaptive correlation features selection and deep belief neural networks**
Symmetry 15 (2), 358, 2023 | 2023 | Cited: 21
59. **Archive-based coronavirus herd immunity algorithm for optimizing weights in neural networks**
Neural Computing and Applications 35 (21), 15923-15941, 2023 | 2023 | Cited: 14
60. **Web accessibility automatic evaluation tools: to what extent can they be automated?**
CCF Transactions on Pervasive Computing and Interaction 5 (3), 288-320, 2023 | 2023 | Cited: 38
61. **Malware Detection Using Deep Learning and Correlation-Based Feature Selection. Symmetry 2023, 15, 123**
2023 | Cited: 1
62. **A review on role of Image Processing techniques to Enhancing Security of IoT Applications**
IEEE Access 11, 101924-101948, 2023 | 2023 | Cited: 18
63. **Multi-objective flower pollination algorithm: a new technique for EEG signal denoising**
Neural Computing and Applications 35 (11), 7943-7962, 2023 | 2023 | Cited: 20
64. **One-Class Arabic Signature Verification: A Progressive Fusion of Optimal Features.**
Computers, Materials & Continua 75 (1), 2023 | 2023 | Cited: 3
65. **Advancements in Lossless and Reversible Compression of Digital Pathology Images via Auto-Recursive Set Partitioning in Hierarchical Trees and Wavelet Decomposition**
Traitement du Signal 40 (6), 2723, 2023 | 2023 | Cited: 1
66. **Malware detection using deep learning and correlation-based feature selection**
Symmetry 15 (1), 123, 2023 | 2023 | Cited: 188
67. **Boosting the training of neural networks through hybrid metaheuristics**
Cluster Computing 26 (3), 1821-1843, 2023 | 2023 | Cited: 26
68. **Marine Predators Algorithm: A Review**
Archives of Computational Methods in Engineering, 1-31, 2023 | 2023 | Cited: 7
69. **Feature Selection Method Based on Quantum Inspired Genetic Algorithm for Arabic Signature Verification**
Journal of King Saud University-Computer and Information Sciences, 2023 | 2023 | Cited: 35
70. **A hybrid cracked tiers detection system based on adaptive correlation features selection and deep belief neural networks**
Symmetry 15 (2), 358, 2023 | 2023 | Cited: 6
71. **Feature Selection for Detecting ICMPv6-Based DDoS Attacks Using Binary Flower Pollination Algorithm**
2023 | Cited: 22
72. **Web accessibility automatic evaluation tools: to what extent can they be automated?**
CCF Transactions on Pervasive Computing and Interaction, 1-33, 2023 | 2023 | Cited: 2

73. **Detecting keratoconus on two different populations using an unsupervised hybrid artificial intelligence model.**
Investigative Ophthalmology & Visual Science 63 (7), 2088–F0077-2088–F0077, 2022 | 2022 | Cited: 4
74. **Recent advances in butterfly optimization algorithm, its versions and applications**
Archives of Computational Methods in Engineering, 1-22, 2022 | 2022 | Cited: 5
75. **Mobile augmented reality based on multimodal inputs for experiential learning**
IEEE Access 10, 78953-78969, 2022 | 2022 | Cited: 35
76. **Recent advances of bat-inspired algorithm, its versions and applications**
Neural Computing and Applications 34 (19), 16387-16422, 2022 | 2022 | Cited: 39
77. **Trigonometric words ranking model for spam message classification**
IET Networks, 2022 | 2022 | Cited: 13
78. **Multi-objective flower pollination algorithm: a new technique for EEG signal denoising**
Neural Computing and Applications, 1-20, 2022 | 2022 | Cited: 11
79. **A novel link-based multi-objective grey wolf optimizer for appliances energy scheduling problem**
Cluster Computing 25 (6), 4355-4382, 2022 | 2022 | Cited: 16
80. **Hyper clustering model for dynamic network intrusion detection**
IET Communications, 2022 | 2022 | Cited: 14
81. **EEG Channel Selection for Person Identification Using Binary Grey Wolf Optimizer**
IEEE Access, 2022 | 2022 | Cited: 44
82. **EEG channel selection using multiobjective cuckoo search for person identification as protection system in healthcare applications**
Computational Intelligence and Neuroscience 2022, 2022 | 2022 | Cited: 17
83. **Lemurs Optimizer: A New Metaheuristic Algorithm for Global Optimization**
Applied Sciences 12 (19), 10057, 2022 | 2022 | Cited: 79
84. **Labelled dataset on distributed denial-of-service (DDoS) attacks based on internet control message protocol version 6 (ICMPv6)**
Wireless Communications and Mobile Computing 2022, 2022 | 2022 | Cited: 11
85. **CCSA: Cellular Crow Search Algorithm with topological neighborhood shapes for optimization**
Expert Systems with Applications 194, 116431, 2022 | 2022 | Cited: 20
86. **EEG channel selection based user identification via improved flower pollination algorithm**
Sensors 22 (6), 2092, 2022 | 2022 | Cited: 21
87. **A modified coronavirus herd immunity optimizer for the power scheduling problem**
Mathematics 10 (3), 315, 2022 | 2022 | Cited: 34
88. **Island neighboring heuristics harmony search algorithm for flow shop scheduling with blocking**
Swarm and Evolutionary Computation 74, 101127, 2022 | 2022 | Cited: 23
89. **An enhanced mechanism for detection of Domain Name System-based distributed reflection denial of service attacks depending on modified metaheuristic algorithms and adaptive ...**
IET Networks 11 (5), 169-181, 2022 | 2022 | Cited: 17
90. **A hybrid flower pollination with β -hill climbing algorithm for global optimization**
Journal of King Saud University-Computer and Information Sciences 34 (8 ...), 2022 | 2022 | Cited: 32
91. **Automatic malignant and benign skin cancer classification using a hybrid deep learning approach**
Diagnostics 12 (10), 2472, 2022 | 2022 | Cited: 160
92. **Optimized leaky ReLU for handwritten Arabic character recognition using convolution neural networks**
Multimedia Tools and Applications, 1-30, 2022 | 2022 | Cited: 41
93. **Review on COVID-19 diagnosis models based on machine learning and deep learning approaches**
Expert Systems, e12759, 2022 | 2022 | Cited: 243
94. **Labelled Dataset on Distributed Denial-of-Service (DDoS) Attacks Based on Internet Control Message Protocol Version 6 (ICMPv6)**
Wireless Communications and Mobile Computing 2022 (1), 8060333, 2022 | 2022 | Cited: 24

95. **Optimized leaky ReLU for handwritten Arabic character recognition using convolution neural networks**
Multimedia Tools and Applications 81 (2), 2065-2094, 2022 | 2022 | Cited: 81
96. **Automatic Malignant and Benign Skin Cancer Classification Using a Hybrid Deep Learning Approach.** *Diagnostics* 2022, 12, 2472
s Note: MDPI stays neu-tral with regard to jurisdictional claims in ...; 2022 | 2022 | Cited: 2
97. **EEG channel selection using multiobjective cuckoo search for person identification as protection system in healthcare applications**
Computational Intelligence and Neuroscience 2022, 2022 | 2022 | Cited: 20
98. **EEG channel selection using multiobjective cuckoo search for person identification as protection system in healthcare applications**
Computational Intelligence and Neuroscience 2022 (1), 5974634, 2022 | 2022 | Cited: 35
99. **An Optimization for Access Point Placement in Indoor Communication**
International Conference on Computational Science and Technology, 615-629, 2022 | 2022 | Cited: 6
100. **Research Article EEG Channel Selection Using Multiobjective Cuckoo Search for Person Identification as Protection System in Healthcare Applications**
2022 | Cited: 1
101. **A Hybrid Artificial Intelligence Model for Detecting Keratoconus**
Applied Sciences 12 (24), 12979, 2022 | 2022 | Cited: 7
102. **Lack of Habituation in Migraine Patients Based on High-Density EEG Analysis Using the Steady State of Visual Evoked Potential**
Entropy 24 (11), 1688, 2022 | 2022 | Cited: 14
103. **A device-agnostic deep learning model for detecting keratoconus based on anterior elevation corneal maps**
Investigative Ophthalmology & Visual Science 63 (7), 2101–F0090-2101–F0090, 2022 | 2022 | Cited: 4
104. **Variants of neural networks: a review**
Malaysian Journal of Computer Science 35 (2), 158-178, 2022 | 2022 | Cited: 8
105. **Research Article Labelled Dataset on Distributed Denial-of-Service (DDoS) Attacks Based on Internet Control Message Protocol Version 6 (ICMPv6)**
2022
106. **A novel ensemble statistical topic extraction method for scientific publications based on optimization clustering**
Multimedia tools and applications 80 (1), 37-82, 2021 | 2021 | Cited: 28
107. **Wind driven optimization with smart home battery for power scheduling problem in smart home**
2021 Palestinian International Conference on Information and Communication ...; 2021 | 2021 | Cited: 6
108. **A hybrid deep learning framework for keratoconus detection based on anterior and posterior corneal maps**
ARVO Imaging in the Eye Conference, 2021 | 2021 | Cited: 2
109. **Detecting keratoconus severity from corneal data of different populations with machine learning**
ARVO Annual Meeting Abstract, 2021 | 2021 | Cited: 3
110. **Evaluation of keratoconus detection from elevation, topography and pachymetry raw data using machine learning**
ARVO Annual Meeting Abstract, 2021 | 2021 | Cited: 2
111. **An ensemble topic extraction approach based on optimization clusters using hybrid multi-verse optimizer for scientific publications**
Journal of Ambient Intelligence and Humanized Computing 12, 2765-2801, 2021 | 2021 | Cited: 18
112. **A hybrid deep learning construct for detecting keratoconus from corneal maps**
Translational vision science & technology 10 (14), 16-16, 2021 | 2021 | Cited: 52
113. **A Hybrid Flower Pollination with p-Hill Climbing Algorithm for Global Optimization**
Journal of King Saud University-Computer and Information Sciences, 2021 | 2021
114. **Smart Home Battery for the Multi-Objective Power Scheduling Problem in a Smart Home Using Grey Wolf Optimizer.** *Electronics* 2021, 10, 447
s Note: MDPI stays neu-tral with regard to jurisdictional clai-ms in ...; 2021 | 2021

115. **Mapping and Deep Analysis of Image Dehazing: Coherent Taxonomy, Datasets, Open Challenges, Motivations, and Recommendations**
International Journal of Interactive Multimedia and Artificial Intelligence, 2021 | 2021 | Cited: 13
116. **Epithelial Layer Estimation Using Curvatures and Textural Features for Dysplastic Tissue Detection**
CMC-COMPUTERS MATERIALS & CONTINUA 67 (1), 761-777, 2021 | 2021 | Cited: 6
117. **A novel ensemble statistical topic extraction method for scientific publications based on optimization clustering**
Multimedia Tools and Applications 80 (1), 37-82, 2021 | 2021 | Cited: 27
118. **Evolutionary data clustering: Algorithms and applications**
Springer, 2021 | 2021 | Cited: 26
119. **An ensemble topic extraction approach based on optimization clusters using hybrid multi-verse optimizer for scientific publications**
Journal of Ambient Intelligence and Humanized Computing 12 (2), 2765-2801, 2021 | 2021 | Cited: 23
120. **Evolutionary data clustering: Algorithms and applications**
Springer Singapore, Imprint: Springer, 2021 | 2021 | Cited: 14
121. **Coronavirus herd immunity optimizer (CHIO)**
Neural Computing and Applications, 2021 | 2021 | Cited: 413
122. **Gene selection for microarray data classification based on Gray Wolf Optimizer enhanced with TRIZ-inspired operators**
Knowledge-Based Systems 223, 107034, 2021 | 2021 | Cited: 143
123. **A Novel Hybrid Grey Wolf Optimizer With Min-conflict Algorithm for Power Scheduling Problem in a Smart Home**
Swarm and Evolutionary Computation, 100793, 2021 | 2021 | Cited: 103
124. **Smart home battery for the multi-objective power scheduling problem in a smart home using grey wolf optimizer**
Electronics 10 (4), 447, 2021 | 2021 | Cited: 82
125. **An improved text feature selection for clustering using binary grey wolf optimizer**
Proceedings of the 11th National Technical Seminar on Unmanned System, 2021 | 2021 | Cited: 37
126. **A novel ensemble statistical topic extraction method for scientific publications based on optimization clustering**
Multimedia Tools and Applications 80, 37-82, 2021 | 2021 | Cited: 21
127. **Predicting COVID-19 Based on Environmental Factors With Machine Learning**
Intelligent Automation & Soft Computing, doi:10.32604/iasc.2021.015413 28 (2), 2021 | 2021 | Cited: 30
128. **EEG Signal Denoising Using Hybridizing Method Between Wavelet Transform with Genetic Algorithm**
Proceedings of the 11th National Technical Seminar on Unmanned System, 2021 | 2021 | Cited: 24
129. **EEG feature fusion for motor imagery: A new robust framework towards stroke patients rehabilitation**
Computers in biology and medicine 137, 104799, 2021 | 2021 | Cited: 77
130. **A hybrid deep learning construct for detecting keratoconus from corneal maps**
Translational Vision Science & Technology 10 (14), 16-16, 2021 | 2021 | Cited: 18
131. **Keratoconus severity detection from elevation, topography and pachymetry raw data using a machine learning approach**
IEEE Access, 2021 | 2021 | Cited: 30
132. **A conceptual and systematics for intelligent power management system-based cloud computing: Prospects, and challenges**
Applied Sciences 11 (21), 9820, 2021 | 2021 | Cited: 70
133. **A min-conflict algorithm for power scheduling problem in a smart home using battery**
Proceedings of the 11th National Technical Seminar on Unmanned System, 2021 | 2021 | Cited: 16
134. **EEG-Based Person Identification Using Multi-Verse Optimizer as Unsupervised Clustering Techniques**
Evolutionary Data Clustering: Algorithms and Applications, 89-110, 2021 | 2021 | Cited: 13

135. **A Hybrid Salp Swarm Algorithm with β -Hill Climbing Algorithm for Text Documents Clustering**
Evolutionary Data Clustering: Algorithms and Applications, 129-168, 2021 | 2021 | Cited: 24
136. **Mapping and Deep Analysis of Image Dehazing: Coherent Taxonomy, Datasets, Open Challenges, Motivations, and Recommendations.**
International Journal of Interactive Multimedia & Artificial Intelligence 7 (2), 2021 | 2021 | Cited: 13
137. **Detection of ICMPv6-based DDoS attacks using anomaly based intrusion detection system: A comprehensive review**
International Journal of Electrical and Computer Engineering 11 (6), 5216, 2021 | 2021 | Cited: 19
138. **The Effects of Biotechnology Virtual Labs Approach for Enhancing of Understanding 1st Year University Students**
2021 Palestinian International Conference on Information and Communication ...;, 2021 | 2021 | Cited: 5
139. **EEG Feature Fusion for Person Identification Using Efficient Machine Learning Approach**
2021 Palestinian International Conference on Information and Communication ...;, 2021 | 2021 | Cited: 5
140. **Link-based multi-verse optimizer for text documents clustering**
Applied Soft Computing 87, 106002, 2020 | 2020 | Cited: 90
141. **Person identification using EEG channel selection with hybrid flower pollination algorithm**
Pattern Recognition 105, 107393, 2020 | 2020 | Cited: 84
142. **A novel hybrid multi-verse optimizer with K-means for text documents clustering**
Neural Computing and Applications, 2020 | 2020 | Cited: 79
143. **EEG signals denoising using optimal wavelet transform hybridized with efficient metaheuristic methods**
IEEE Access 8, 10584-10605, 2020 | 2020 | Cited: 145
144. **EEG-BASED PERSON IDENTIFICATION USING MULTI-LEVEL WAVELET DECOMPOSITION WITH MULTI-OBJECTIVE FLOWER POLLINATION ALGORITHM**
Universiti Sains Malaysia, 2020 | 2020
145. **Proceedings of the 11th National Technical Seminar on Unmanned System Technology 2019: NUSYS'19**
Springer Nature, 2020 | 2020 | Cited: 2
146. **Selection of colours and shapes of laser light apparatus for improvement of motorcycle conspicuity**
International Journal of Advanced Science and Technology, 2020 | 2020
147. **EEG Signal Denoising Using Hybridizing**
Proceedings of the 11th National Technical Seminar on Unmanned System ...;, 2020 | 2020
148. **Coronavirus herd immunity optimizer (CHIO)**
2020
149. **Ammar Kamal Abasi i Zaid Abdi Alkareem Alyasseri: Optimization methods for power scheduling problems in smart home: Survey**
Renewable and Sustainable Energy Reviews, broj 115, 2019 | 2019 | Cited: 2
150. **Island flower pollination algorithm for global optimization: MA Al-Betar et al.**
The Journal of Supercomputing 75 (8), 5280-5323, 2019 | 2019 | Cited: 67
151. **Optimization methods for power scheduling problems in smart home: Survey**
Renewable and Sustainable Energy Reviews 115, 109362, 2019 | 2019 | Cited: 160
152. **Island flower pollination algorithm for global optimization**
The Journal of Supercomputing 75, 5280-5323, 2019 | 2019 | Cited: 51
153. **Particle swarm optimization algorithm for power scheduling problem using smart battery**
2019 IEEE Jordan international joint conference on electrical engineering ...;, 2019 | 2019 | Cited: 57
154. **A text feature selection technique based on binary multi-verse optimizer for text clustering**
2019 IEEE Jordan international joint conference on electrical engineering ...;, 2019 | 2019 | Cited: 36
155. **The effects of EEG feature extraction using multi-wavelet decomposition for mental tasks classification**
Proceedings of the international conference on information and communication ...;, 2019 | 2019 | Cited: 40

156. **An efficient optimization technique of eeg decomposition for user authentication system**
2018 2nd international conference on biosignal analysis, processing and ... 2018 | 2018 | Cited: 39
157. **A hybrid filter-wrapper gene selection method for cancer classification**
2018 2nd international conference on biosignal analysis, processing and ... 2018 | 2018 | Cited: 60
158. **Classification of eeg mental tasks using multi-objective flower pollination algorithm for person identification**
International Journal of Integrated Engineering 10 (7), 2018 | 2018 | Cited: 31
159. **EEG Feature Extraction for Person Identification using Wavelet Decomposition and Multi-Objective Flower Pollination Algorithm**
IEEE ACCESS, 2018 | 2018 | Cited: 54
160. **EEG-based person authentication using multi-objective flower pollination algorithm**
2018 IEEE Congress on Evolutionary Computation (CEC), 1-8, 2018 | 2018 | Cited: 48
161. **Variants of the flower pollination algorithm: a review**
Nature-Inspired Algorithms and Applied Optimization, 91-118, 2018 | 2018 | Cited: 181
162. **Hybridizing β -hill climbing with wavelet transform for denoising ECG signals**
Information Sciences 429, 229–246, 2018 | 2018 | Cited: 99
163. **Real-time heart pulse monitoring technique using wireless sensor network and mobile application**
International Journal of Electrical and Computer Engineering 8 (6), 5118, 2018 | 2018 | Cited: 77
164. **A Comparative Study between the Internal and External Internet Broadcasting on AL-NAJaf City**
International Journal of Computer Applications 975, 8887, 2018 | 2018 | Cited: 1
165. **EEG Channels Selection Using Hybridizing Flower Pollination and β -Hill Climbing Algorithm for Person Identification**
Big Data Summit 2: HPC & AI Empowering Data Analytics (co-locate with PRAGMA ... 2018 | 2018
166. **Optimal eeg signals denoising using hybrid β -hill climbing algorithm and wavelet transform**
ICISPC'17, 144-152, 2017 | 2017 | Cited: 10
167. **ECG signal denoising using β -hill climbing algorithm and wavelet transform**
The 8th International Conference on Information Technology (ICIT 2017), 1-7, 2017 | 2017 | Cited: 48
168. **Electroencephalogram Signals Denoising using Various Mother Wavelet Functions: A Comparative Analysis**
ICISPC 2017 2017 International Conference on Imaging, Signal Processing and ... 2017 | 2017 | Cited: 56
169. **Feature selection with β -hill climbing search for text clustering application**
Second Palestinian International Conference on Information and Communication ... 2017 | 2017 | Cited: 53
170. **Optimal Electroencephalogram Signals Denoising using Hybrid β -Hill Climbing Algorithm and Wavelet Transform**
ICISPC 2017 2017 International Conference on Imaging, Signal Processing and ... 2017 | 2017 | Cited: 21
171. **Wireless Sensor Network and Web Application Hybrid Scheme for Healthcare Monitoring.**
Journal of Soft Computing & Decision Support Systems 4 (5), 2017 | 2017 | Cited: 19
172. **Gray image enhancement using harmony search**
International Journal of Computational Intelligence Systems 9 (5), 932-944, 2016 | 2016 | Cited: 33
173. **Ismail,—Parallelize Bubble and Merge Sort Algorithms Using Message Passing Interface (MPI)**
Publication eprint, 2016 | 2016
174. **Year of Publication: 2015**
2015
175. **Hybrid Bubble and Merge Sort Algorithms Using Message Passing Interface**
Journal of Computer Science & Computational Mathematics 5 (4), 67-73, 2015 | 2015 | Cited: 3
176. **Introduction to Parallel Computing using Matlab**
LAP Lambert Academic Publishing, 2015 | 2015 | Cited: 1
177. **Face Recognition using Independent Component Analysis Algorithm**
International Journal of Computer Applications 126 (3), 2015 | 2015 | Cited: 11
178. **Survey of Parallel Computing with MATLAB**
arXiv preprint arXiv:1407.6878, 2014 | 2014 | Cited: 9

179. **Parallelize Bubble Sort Algorithm Using OpenMP**
International Journal of Advanced Research in Computer Science and Software, 2014 | 2014 | Cited: 9
180. **Parallelize Bubble and Merge Sort Algorithms Using Message Passing Interface (MPI)**
The 3rd International Conference on Computer Engineering & Mathematical, 2014 | 2014 | Cited: 2
181. **Adaption of Harmony Search Algorithm for Gray Image Enhancement**
School of Computer Sciences, University Science Malaysia (USM), 2013 | 2013 | Cited: 2
182. **Recognizing Occluded and Illuminated Faces using ICA Algorithm**
The 2nd International Conference on Computer Engineering & Mathematical, 2013 | 2013
183. **Skin texture recognition using neural networks**
Computer Vision and Pattern Recognition (arXiv preprint) | 2013
184. **Edge preserving image enhancement via harmony search algorithm**
2012 4th conference on data mining and optimization (DMO), 47-52, 2012 | 2012 | Cited: 30
185. **NK-sorting**
Robert Sedgwick, Algorithms in C, Princeton university, 2011 | 2011 | Cited: 6
186. **Skin texture recognition using neural networks**
arXiv preprint arXiv:1311.6049, 2008 | 2008 | Cited: 34
187. **Mourad Abbas, Center of Scientific and Technical Research for the Development of Arabic**
0
188. **PICICT 2021**
0
189. **Marine Predators Algorithm: A Review**
Archives of Computational Methods in Engineering, 0 | 0