

Yuan Wen Hau

List of Publications by Year in descending order

Source: <https://exaly.com/author-pdf/9620354/publications.pdf>

Version: 2024-02-01

33
papers

152
citations

1684188

5
h-index

1372567

10
g-index

33
all docs

33
docs citations

33
times ranked

147
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|--|------|-----------|
| 1 | Use of learning approaches to predict clinical deterioration in patients based on various variables: a review of the literature. <i>Artificial Intelligence Review</i> , 2022, 55, 1055-1084. | 15.7 | 5 |
| 2 | A Novel and Reliable Framework of Patient Deterioration Prediction in Intensive Care Unit Based on Long Short-Term Memory-Recurrent Neural Network. <i>IEEE Access</i> , 2021, 9, 3894-3918. | 4.2 | 10 |
| 3 | A review of breast boundary and pectoral muscle segmentation methods in computer-aided detection/diagnosis of breast mammography. <i>Artificial Intelligence Review</i> , 2020, 53, 1873-1918. | 15.7 | 34 |
| 4 | Qualitative and Quantitative Performance Comparison of ECG Noise Reduction and Signal Enhancement Method based on Various Digital Filter Designs and Discrete Wavelet Transform. <i>International Journal of Computing and Digital Systems</i> , 2020, 9, 553-565. | 0.7 | 2 |
| 5 | Investigation of Attention Deficit/Hyperactivity Disorder Assessment Using Electro Interstitial Scan Based on Chronoamperometry Technique. <i>IEEE Access</i> , 2019, 7, 144679-144690. | 4.2 | 4 |
| 6 | Mini Home-Based Vital Sign Monitor with Android Mobile Application (myVitalGear). , 2018, , . | | 6 |
| 7 | The Study and Comparison between Various Digital Filters for ECG De-noising. , 2018, , . | | 5 |
| 8 | Android-based Mobile Application for Home-based Electrocardiogram Monitoring Device with Google Technology and Bluetooth Wireless Communication. , 2018, , . | | 6 |
| 9 | Hardware transactional memory architecture with adaptive version management for multi-processor FPGA platforms. <i>Journal of Systems Architecture</i> , 2017, 73, 42-52. | 4.3 | 3 |
| 10 | Robust arrhythmia classifier using wavelet transform and support vector machine classification. , 2017, , . | | 0 |
| 11 | Embedded system-on-chip design of atrial fibrillation classifier. , 2017, , . | | 5 |
| 12 | EFFICIENT QRS COMPLEX DETECTION ALGORITHM IMPLEMENTATION ON SOC-BASED EMBEDDED SYSTEM. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, . | 0.4 | 2 |
| 13 | SOC-BASED BIOMEDICAL EMBEDDED SYSTEM DESIGN OF ARRHYTHMIA DETECTOR. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, . | 0.4 | 0 |
| 14 | New Vertical Handover Method to Optimize Utilization of Wireless Local Area Network in High-Speed Environment. <i>PLoS ONE</i> , 2016, 11, e0165888. | 2.5 | 10 |
| 15 | Artificial intelligence classification methods of atrial fibrillation with implementation technology. <i>Computer Assisted Surgery</i> , 2016, 21, 154-161. | 1.3 | 14 |
| 16 | PLATFORM INDEPENDENT WEB-BASED TELECARDIOLOGY FOR CONNECTED HEART CARE. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2016, 78, . | 0.4 | 0 |
| 17 | AUTONOMOUS NETWORK SELECTION STRATEGY FOR TELECARDIOLOGY APPLICATION IN HETEROGENEOUS WIRELESS NETWORKS. <i>Jurnal Teknologi (Sciences and Engineering)</i> , 2015, 77, . | 0.4 | 1 |
| 18 | Hardware/software partitioning of embedded System-on-Chip applications. , 2015, , . | | 9 |

| # | ARTICLE | IF | CITATIONS |
|----|--|-----|-----------|
| 19 | Adaptive Configurable Transactional Memory for Multi-processor FPGA Platforms. , 2015, , . | | 1 |
| 20 | USER-CENTRIC BASED VERTICAL HANDOVER DECISION ALGORITHM FOR TELECARDIOLOGY APPLICATION IN HETEROGENEOUS NETWORKS. Jurnal Teknologi (Sciences and Engineering), 2015, 77, . | 0.4 | 6 |
| 21 | On-board touch screen graphical interface design for SoC-based arrhythmia detector. , 2014, , . | | 0 |
| 22 | Hardware transactional memory on multi-processor FPGA platform. , 2014, , . | | 1 |
| 23 | Packet logging mechanism for adaptive online fault detection on Network-on-Chip. , 2014, , . | | 2 |
| 24 | Development of platform-independent web-based telecardiology application for pilot case study. , 2014, , . | | 0 |
| 25 | FPGA design and implementation of Electrocardiogram biomedical embedded system. , 2014, , . | | 8 |
| 26 | Remote dynamically reconfigurable platform using NetFPGA. , 2014, , . | | 0 |
| 27 | Comparative study of electrocardiogram QRS complex detection algorithm on Field Programmable Gate Array platform. , 2014, , . | | 6 |
| 28 | SoC-based design of arrhythmia detector. , 2014, , . | | 2 |
| 29 | PVDF sensor design and FPGA implementation of ultrasound power measurement. , 2014, , . | | 0 |
| 30 | Network partitioning and GA heuristic crossover for NoC application mapping. , 2013, , . | | 4 |
| 31 | Feasible transition path generation for EFSM-based system testing. , 2013, , . | | 4 |
| 32 | A Network-on-Chip simulation framework for homogeneous Multi-Processor System-on-Chip. , 2011, , . | | 0 |
| 33 | A tightly coupled finite field arithmetic hardware in an FPGA-based embedded processor core for elliptic curve cryptography. International Journal of Information and Communication Technology, 2009, 2, 60. | 0.1 | 2 |