



[IEEE CyberneticsCom 2022] Your paper #1570790124 ('Design and Implementation of IoT-Based Aeroponic Farming System')

1 message

IEEE CyberneticsCom 2022 <ieeecyberneticscom2022-chairs@edas.info>

Sat, May 14, 2022 at 1:37 PM

To: Riswandi Riswandi <riswandi19d@student.unhas.ac.id>, Muhammad Niswar <niswar@unhas.ac.id>, Zulkifli Tahir <zulkifli@unhas.ac.id>

Cc: Arief Hamdani Gunawan <arief.h.g@gmail.com>, Alfin Hikmaturokhman <alfin@ittelkom-pwt.ac.id>, Anggun Fitriani Isnawati <anggun@ittelkom-pwt.ac.id>, Danny Kurnianto <dannykurnianto@ittelkom-pwt.ac.id>, Muhammad Nasrun <nasrun@telkomuniversity.ac.id>, Ridwan Pandiya <ridwanpandiya@ittelkom-pwt.ac.id>, Tenia Wahyuningrum <tenia@ittelkom-pwt.ac.id>

Dear Mr. Riswandi Riswandi:

Congratulation! Your papers #1570790124 ('Design and Implementation of IoT-Based Aeroponic Farming System') has been accepted to present at CyberneticsCom 2022. Please make the necessary revision based on reviewers' comments and suggestions. The detailed reviews are at the bottom of this email or can be found at <https://www.edas.info/showPaper.php?m=1570790124>, using your EDAS login name as described in the bottom of this email.

Please also consider 4 mandatory steps for IEEE CyberneticsCom 2022 for author:

1. Registration and payment

At least one author has to register for the conference. Payment and registration details can be found at <https://www.edas.info/r29371>. Please note that the due date for payment and registration is May 16, 2022.

2. PDF eXpress (IEEE Xplore compatible)

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3. Final "camera-ready" manuscript

The final "camera-ready" manuscript of your papers should be submitted in the same manner as the review manuscript using EDAS at <https://www.edas.info/showPaper.php?m=1570790124> before May 27, 2022.

4. Electronic copyright form

The copyright form should be submitted electronically through EDAS before May 27, 2022.

On this occasion, we also would like to give you the opportunity to submit other papers at <https://edas.info/N29371> up to May 16, 2022, we will give a special registration price for additional papers. Hopefully, the rare opportunity is valuable for you.

Should you have any questions, please kindly check at <https://www.edas.info/help.php?c=29371> and do not hesitate to contact me by email. We look forward to seeing you at the Conference.

Sincerely,

TPC Chair

Dr. Ridwan Pandiya

Detail Reviews:

===== IEEE CyberneticsCom Review 1 =====

> *** Suitability: Suitability of the title to the content and conference topics.

Fair (2)

> *** Abstract: Abstract sufficiently informative

Fair (2)

> *** Originality: Originality/Novelty

Good (3)

> *** Methodology: Methodology sufficiently described and appropriate

Fair (2)

> *** Results: Results/Conclusions supported by data analysis

Fair (2)

> *** Clarity: Clarity in the presentation of findings and formal structure

Fair (2)

> *** Comments to Authors: Specific Comments by the Referee for the Author(s)

This paper implements an intelligent aeroponics system using a fuzzy algorithm that reduces the evapotranspiration rate of conventional aeroponics and has some practical value. However, the article has particularly many problems and has to undergo major modifications before it can be accepted. The main problems are as follows:

1. The experimental design of this paper has serious flaws. This paper uses the Blaney-Criddle method to calculate the evapotranspiration index, but does not give a detailed explanation of the choice of the method, nor does it conduct a comparison test with other methods for calculating evapotranspiration, which lacks convincing power.
2. There is no sufficient discussion and research on the relevant classification techniques in recent years, which cannot reflect the frontier of this intelligent aeroponics system.
3. The quality of the figures and tables in this paper is not high and needs to be re-embellished.

===== IEEE CyberneticsCom Review 2 =====

> *** Suitability: Suitability of the title to the content and conference topics.

Fair (2)

> *** Abstract: Abstract sufficiently informative

Good (3)

> *** Originality: Originality/Novelty

Fair (2)

> *** Methodology: Methodology sufficiently described and appropriate

Fair (2)

> *** Results: Results/Conclusions supported by data analysis

Fair (2)

> *** Clarity: Clarity in the presentation of findings and formal structure

Good (3)

> *** Comments to Authors: Specific Comments by the Referee for the Author(s)

A comparative experimental study should be carried out to demonstrate that the experimental results are significant.

===== IEEE CyberneticsCom Review 3 =====

> *** Suitability: Suitability of the title to the content and conference topics.

Fair (2)

> *** Abstract: Abstract sufficiently informative

Good (3)

> *** Originality: Originality/Novelty

Fair (2)

> *** Methodology: Methodology sufficiently described and appropriate

Fair (2)

> *** Results: Results/Conclusions supported by data analysis

Fair (2)

> *** Clarity: Clarity in the presentation of findings and formal structure

Fair (2)

> *** Comments to Authors: Specific Comments by the Referee for the Author(s)

The authors used an IoT system to control the evapotranspiration of the aeroponic farming system to keep it at normal levels. The system contains Sensors, Mini Computer, Microcontroller and Actuators. As stated in the discussion, the main work of this paper is: " This study discusses general aspects of aeroponic evapotranspiration growing media and provides an overview of systems with automation concepts using fuzzy algorithms". This article is a good application of IoT facilities to control the evapotranspiration of aeroponic farming system, which effectively reduces the energy consumption and also improves the plant quality.

===== IEEE CyberneticsCom Review 4 =====

> *** Suitability: Suitability of the title to the content and conference topics.

Excellent (4)

> *** Abstract: Abstract sufficiently informative

Good (3)

> *** Originality: Originality/Novelty

Good (3)

> *** Methodology: Methodology sufficiently described and appropriate

Good (3)

> *** Results: Results/Conclusions supported by data analysis

Good (3)

> *** Clarity: Clarity in the presentation of findings and formal structure

Good (3)

> *** Comments to Authors: Specific Comments by the Referee for the Author(s)

This paper investigates the IoT monitoring and controlling for Aeroponic farming systems. The technical part is solid and interesting. On the presentation of this paper, some typos should be corrected. For example, "to achieve"--> "to achieve" in the first paragraph of the Introduction section.