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Judul Artikel :

Prototype design of automatic plant watering equipment with soil moisture detection system based on arduino uno microcontroller: case study of chili plant

Jurnal : **Journal of Physics: Conference Series**, Volume 1517, Halaman 1-4, April 2020

Link Artikel : https://iopscience.iop.org/article/10.1088/1742-6596/1517/1/012077/pdf

Penulis : Aswin Rosadi

No.	Perihal	Tanggal
1	Bukti submit artikel	01 Februari 2020
2	Bukti feedback (timbal balik) artikel	07 Februari 2020
3	Bukti artikel accepted	27 Februari 2020
4	Bukti artikel published online	01 April 2020

Submit Artikel :

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Aswin Rosadi <aswinrosadi@ft.um-surabaya.ac.id>

Journal of Physics: Conference Series submission on on "Prototype design of automatic plant watering equipment with soil moisture detection system based on arduino uno microcontroller: case study of chili plant"
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Kind regards,

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Revisi Artikel

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Reviewer 1

please add figure to further elaborate in section 2.4

Reviewer 2

please make flowchart on section 2.5 more concise

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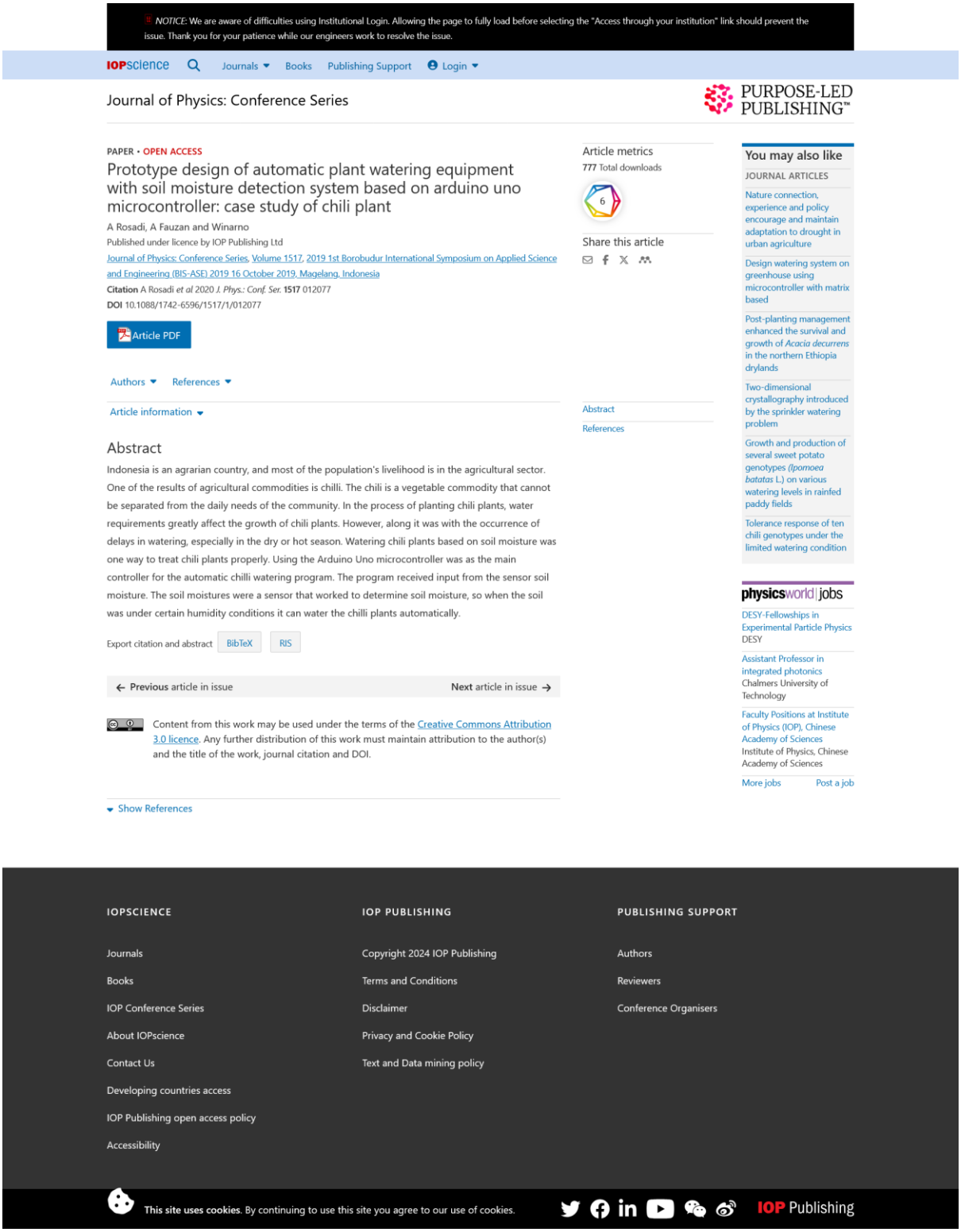

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Prototype design of automatic plant watering equipment with soil moisture detection system based on arduino uno microcontroller: case study of chili plant

A Rosadi, A Fauzan and Winarno

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Authors References

Article information

Abstract

Indonesia is an agrarian country, and most of the population's livelihood is in the agricultural sector. One of the results of agricultural commodities is chilli. The chili is a vegetable commodity that cannot be separated from the daily needs of the community. In the process of planting chili plants, water requirements greatly affect the growth of chili plants. However, along it was with the occurrence of delays in watering, especially in the dry or hot season. Watering chili plants based on soil moisture was one way to treat chili plants properly. Using the Arduino Uno microcontroller was as the main controller for the automatic chilli watering program. The program received input from the sensor soil moisture. The soil moistures were a sensor that worked to determine soil moisture, so when the soil was under certain humidity conditions it can water the chilli plants automatically.

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