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Publication Metrics

For manuscripts published from date range August 2016 - August 2024

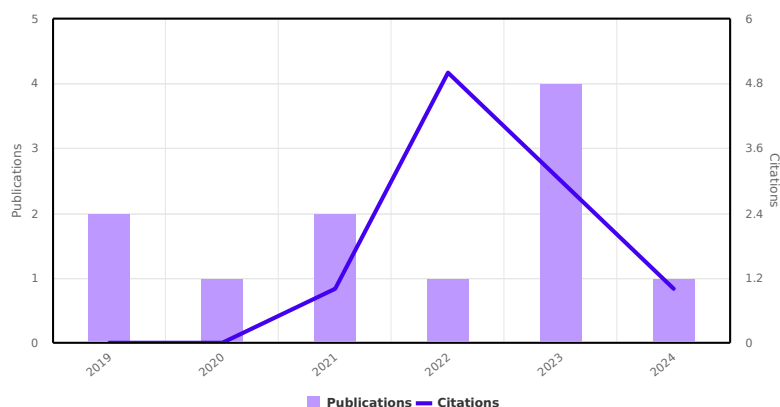
2	10
H-index	Sum of Times Cited
14	11
Total Publications	Web of Science Core Collection Publications

For all time

2	10
H-index	Sum of Times Cited
14	11
Total Publications	Web of Science Core Collection Publications

Publication Impact Over Time

Times Cited and Publications Over Time



Publishing Summary

For manuscripts published from date range August 2016 - August 2024

(6) INMATEH - Agricultural Engineeri... (3) Materiale Plastice

(2) MATEC Web of Conferences

(1) Applied Sciences

(1) Processes

(1) Energies

Publications

For manuscripts published from date range August 2016 - August 2024 (14)

Times Cited
(All time)

Multi-Criteria Optimization of a Laboratory Top-Lit Updraft Gasifier in Order to Reduce Greenhouse Gases and Particulate Matter Emissions

0

Authors (6): Chirita, Alexandru-Polifron; Pavel, Ioan ... Popescu, Ana-Maria Carla

Published: Jun 2024 in Processes

DOI: 10.3390/PR12061103

Accession Number: WOS:001256613700001

Leveraging Additive Manufacturing and Reverse Engineering for Circular Economy-Driven Remanufacturing of Hydraulic Drive System Components

1

Authors (5): Chirita, Alexandru-Polifron; Bors, Adriana-Mariana ... Popescu, Ana-Maria Carla

Published: Nov 2023 in Applied Sciences

DOI: 10.3390/APP132212200

Accession Number: WOS:001120268700001

Neural-Network-Based Time Control for Microwave Oven Heating of Food Products Distributed by a Solar-Powered Vending Machine with Energy Management Considerations

0

Authors (5): Savaniu, Ioan Mihail; Chirita, Alexandru-Polifron ... Neagu, Ancuta

Published: Oct 2023 in Energies

DOI: 10.3390/EN16196953

Accession Number: WOS:001086774300001

OPTIMIZING AND INTEGRATING ELECTROMECHANICAL ACTUATORS IN AGRICULTURAL EXCAVATOR BOOMS FOR ENHANCED EFFICIENCY AND BATTERY LONGEVITY

0

Authors (8): Savaniu, Ioan Mihail; Chirita, Alexandru-Polifron ... Stefan, Vasilica

Published: Sep 2023 in INMATEH - Agricultural Engineering

DOI: 10.35633/INMATEH-71-29

Accession Number: WOS:001126129900003

AGRICULTURAL PLATFORM EQUIPPED WITH A HYDROSTATIC TRANSMISSION CAPABLE OF CONTINUOUSLY ADJUSTABLE TRAVEL VELOCITY AND NON- LINEAR DISTURBANCE COMPENSATION CAPABILITIES

1

Authors (2): Chirita, Alexandru-Polifron; Pavel, Cristian

Published: Jan 2023 in INMATEH - Agricultural Engineering

DOI: 10.35633/INMATEH-69-40

Accession Number: WOS:000995806300001

<p>Optimization of Manufacturing Processes by Reducing the Costs of Tools and Equipment on Hydraulically Operated High-Pressure Technological Lines Authors (6): Popescu, T.C.; Chirita, A.-P. ... Popescu, A.I. Published: Oct 2022 in MATEC Web of Conferences DOI: 10.1051/MATECCONF/202236801008 Accession Number: INSPEC:23652626</p>	0
<p>Modern Techniques for Remanufacturing Hydraulic Equipment in the Context of Circular Economy and Energy Efficiency Authors (7): Dumitrescu, C.; Gavrus, A. ... Preda, D. Published: Oct 2022 in MATEC Web of Conferences DOI: 10.1051/MATECCONF/202236801009 Accession Number: INSPEC:23652627</p>	0
<p>ENERGY EFFICIENT DRIVE SYSTEM WITH DIGITAL HYDRAULIC CYLINDER FOR CONSTRUCTION AND AGRICULTURAL MACHINERY Authors (5): Radoi, Radu; Pavel, Ionel ... Stefan, Vasilica Published: Sep 2022 in INMATEH - Agricultural Engineering DOI: 10.35633/INMATEH-68-01 Accession Number: WOS:000896742400001</p>	0
<p>Research on shredded biomass drying in a vibrating fluidized bed dryer Authors (6): Ioan, P.; Polifron, C. A. ... Vasilic, S. Published: Dec 2021 in INMATEH - Agricultural Engineering DOI: 10.35633/INMATEH-65-01 Accession Number: CABI:20220019816</p>	0
<p>Determining the Optimal Printing Conditions for the Production of a Fertigation Pump Prototype with FDM Technology Authors (5): Chirita, Alexandru-Polifron; Sovaiala, Gheorghe ... Pavel, Ioan Published: Jun 2021 in Materiale Plastice DOI: 10.37358/MP.21.2.5485 Accession Number: WOS:000731787900001</p>	1
<p>REMOTE MONITORING OF ENERGY PRODUCTION AND EFFICIENCY OF AN OFF-GRIDD PHOTOVOLTAIC SYSTEM Authors (4): Radu-Iulian, Radoi; Liliana, Dumitrescu ... Nicolae-Valentin, Vladut Published: May 2021 in INMATEH - Agricultural Engineering DOI: 10.35633/INMATEH-64-12 Accession Number: WOS:000709094600011</p>	0
<p>DYNAMICS OF PROPORTIONAL SPEED CONTROL VERSUS SERVO SPEED CONTROL OF A HOSE / CABLE SPOOLING DEVICE FOR DRUM Authors (4): Chirita, Alexandru-Polifron; Blejan, Marian ... Popescu, Ana-Maria Published: Sep 2020 in INMATEH - Agricultural Engineering DOI: 10.35633/INMATEH-62-40 Accession Number: WOS:000607172200041</p>	0

Aspects Regarding the Use of 3D Printing Technology and Composite Materials for Testing and Manufacturing Vertical Axis Wind Turbines

5

Authors (4): Chirita, Alexandru-Polifron; Bere, Paul-Petru ... Dumitrescu, Liliana

Published: Dec 2019 in Materiale Plactice

DOI: 10.37358/MP.19.4.5283

Accession Number: WOS:000509920700032

Rapid Prototyping of the Injection Device Piston Used for Fertigation Using 3D Printing Technology

2

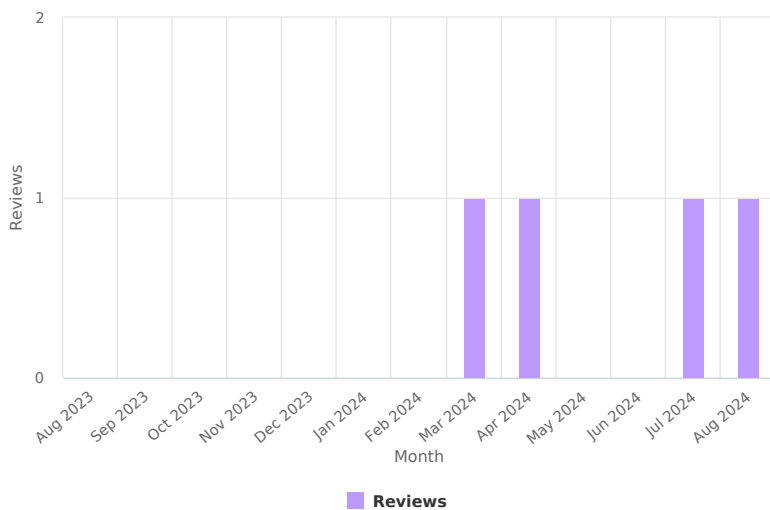
Authors (4): Sovaiala, Gheorghe; Chirita, Alexandru-Polifron ... Manea, Dragos

Published: Dec 2019 in Materiale Plactice

Accession Number: WOS:000509920700021

Verified Reviews

Review Summary



4 REVIEWS OF 2 MANUSCRIPTS

For manuscripts published from date range August 2016 - August 2024

The significant contribution of three-dimensional building morphology to PM2.5 concentrations in the Yangtze River Delta

2 rounds from Jul 2024 to Aug 2024 for Sustainability

Static Properties of Pressure Compensated Pump

2 rounds from Mar 2024 to Apr 2024 for Processes
