



RTU
ZINĀTNISKĀ
BIBLIOTĒKA

ScienceDirect

Palīgs informācijas meklēšanā

Piekļuve

www.ortus.rtu.lv →

Bibliotēka → E-resursi → Elektroniskie resursi



ORTUS

The screenshot shows the ORTUS website navigation menu. The top bar contains the following items: Sākums, Mācībspēkiem, Darbiniekiem, Zinātne, Valorizācija, and Bibliotēka. Below this, there is a sub-menu with 'Aktualitātes' and 'E-resursi'. A 'PIELĀGOT' button is visible. Below the menu, there is a section titled 'ELEKTRONISKIE RESURSI' with a folder icon.

ScienceDirect

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22.02.2013 06:00

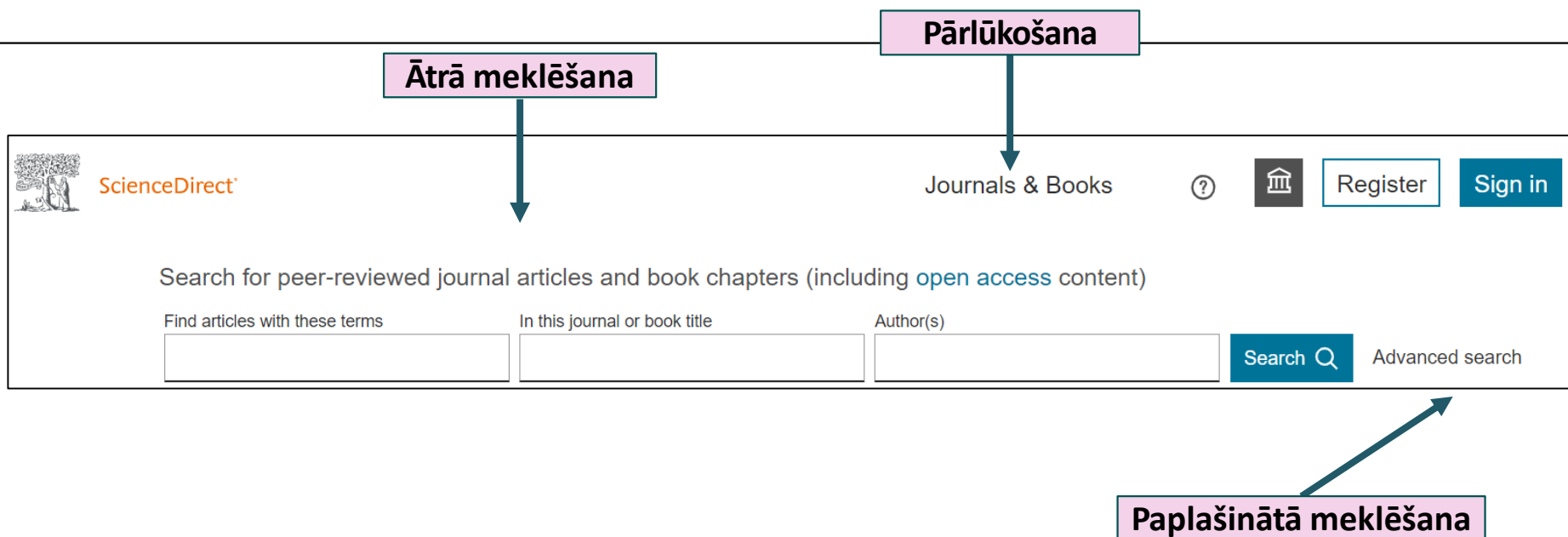
ScienceDirect ir viena no pasaulē lielākajām zinātnisko, tehnisko un medicīnas rakstu datubāzēm, kas aptver izdevniecības Elsevier Science žurnālu pilntekstus.

[Palīgs informācijas meklēšanā](#)

[Atvērt datubāzi / Open](#)

Atvērt datubāzi

ScienceDirect mājaslapa



Izdevumu pārlūkošana

Pārlūkot
pēc nozares un
apakšnozares

pēc izdevuma
veida (žurnāli,
grāmatas),
žurnāla statusa

pēc pieejas
(abonētie,
brīvpieejas)

Refine publications by

Domain
Physical Sciences and Eng

Subdomain

Publication type

- Journals
- Books
- Textbooks
- Handbooks
- Reference works
- Book series

Journal status

- Accepts submissions

Access type

- Subscribed & complimentary
- Open access
- Contains open access

A

AASRI Procedia
Journal • Open access

Ab Initio Valence Calculations in Chemistry
Book • 1974

Abbreviated Guide
Pneumatic Conveying Design Guide
Book • 1990

Abelian Groups (Third Edition)
Book • 1960

Abiotic Stress and Legumes
Tolerance and Management
Book • 2021

Abrasive Water Jet Perforation and Multi-Stage Fracturing
Book • 2018

Absolute Radiometry
Electrically Calibrated Thermal Detectors of Optical Radiation
Book • 1989

Absorption
Fundamentals & Applications
Book • 1993

Absorption-Based Post-Combustion Capture of Carbon Dioxide
Book • 2016

Absorption Spectra and Chemical Bonding in Complexes
Book • 1962

pēc alfabēta

Pilnteksta žurnālu atlase

1. Atzīmēt *Journals*

2. Atzīmēt *Subscribed & complimentary* vai *Open access*

3. Izvēlēties vajadzīgo žurnālu no rezultātu saraksta

Publication type

- Journals
- Books
- Handbooks
- Reference works
- Book series

Access type

- Subscribed & complimentary
- Open access*
- Contains open access*

Acta Mechanica Solida Sinica
Journal

Ad Hoc Networks
Journal • Contains *open access*

Additive Manufacturing
Journal • Contains *open access*

Additives for Polymers
Journal

Advanced Engineering Informatics
Journal • Contains *open access*

Advanced Industrial and Engineering
Journal • *Open access*

Advanced Powder Technology
Journal • Contains *open access*

Žurnāla sējumu un laidienu (numuru) pārlūkošana

The screenshot shows the website for 'Additives for Polymers'. At the top left is a thumbnail of the journal cover. The main header is yellow with the title 'Additives for Polymers'. Below the header is a navigation bar with 'Articles & Issues' and 'About' dropdown menus, and a search bar labeled 'Search in this journal'. On the left side, there is a vertical menu with options: 'Latest issue', 'All issues', 'Sign in to set up alerts', and 'RSS'. The main content area displays a list of issues for '2021 — Volume 2021':

- Volume 2021, Issue 10 (October 2021)
- Volume 2021, Issue 9 (September 2021)
- Volume 2021, Issue 8 (August 2021)
- Volume 2021, Issue 7 (July 2021)

On the right side, there is an 'About the journal' section with a note that the journal has been transferred to Mark Allen Group, and a brief description of the journal's scope. A 'Read more' link is also present.

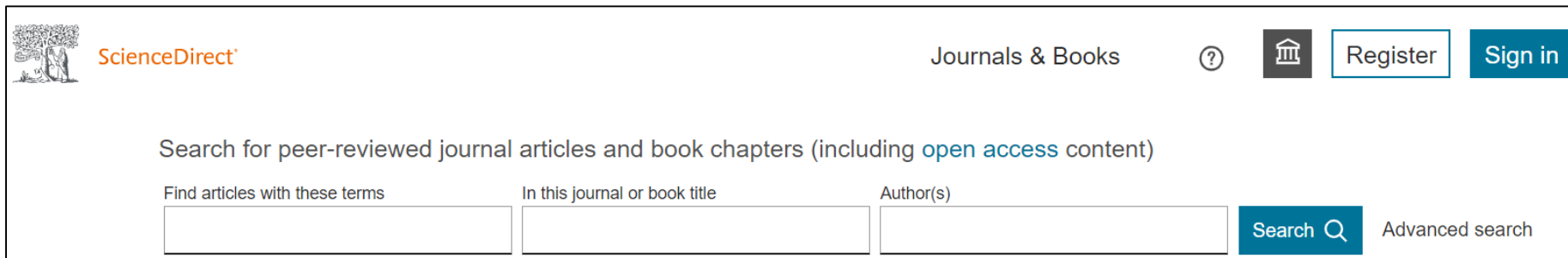
- Latest issue
- All issues
- Sign in to set up alerts
- RSS

Pārlūkot visus laidienus

Atvērt sējumu

Ātrā meklēšana – *Quick search*

Meklēt pēc atslēgvārda visos laukos (nosaukumā, tekstā, anotācijā)



The screenshot shows the ScienceDirect search interface. At the top left is the ScienceDirect logo. To its right are the links 'Journals & Books', a help icon (?), a library icon, and buttons for 'Register' and 'Sign in'. Below this is a search instruction: 'Search for peer-reviewed journal articles and book chapters (including open access content)'. The search area contains three input fields: 'Find articles with these terms', 'In this journal or book title', and 'Author(s)'. To the right of these fields is a blue 'Search' button with a magnifying glass icon and a link for 'Advanced search'.

Pēc atslēgvārda žurnāla/grāmatas nosaukumā

Pēc autora

Meklēt

Paplašinātā meklēšana *Advanced search*

Advanced Search

[Search tips](#)

Meklēt pēc
vārda izdevuma nosaukumā,
gada (-iem)
autora (-iem), autora
organizācijas
sējuma, laidiena, lappuses
vārda nosaukumā, kopsavilkumā,
atslēgvārdos
nosaukuma
atsaucēm
ISSN vai ISBN numura



Find articles with these terms

In this journal or book title

Year(s)

Author(s)

Author affiliation

Volume(s)

Issue(s)

Page(s)

Title, abstract or author-specified keywords

Title

References

ISSN or ISBN

Rezultātu saraksts

Ierakstu skaits

Pieejams pilnais
teksts

Var atvērt rakstu
PDF formātā

731,205 results

Set search alert

Refine by:

Subscribed journals

Years

2024 (126)

2023 (47,629)

2022 (59,829)

Show more

Download selected articles Export

Research article ● Full text access

1 Experimental results for a MW-scale fluidized particle-in-tube solar receiver in its first test campaign
Solar Energy, 29 July 2023
Alex Le Gal, Benjamin Grange, ... Gilles Flamant
 View PDF Abstract Extracts Figures Export

Research article ● Open access

2 Advancements in solar technology, markets, and investments – A summary of the 2022 ISA World Solar Reports
Solar Compass, 18 May 2023
Michael Schmela, Raffaele Rossi, ... P. Saratchandra
 View PDF Abstract Extracts Figures Export

Darbs ar rezultātu sarakstu.

Precizēšana

Refine by:

Subscribed journals

Years

2022 (70)

2021 (874)

2020 (737)

Show more ▾

Article type [?](#)

Review articles (760)

Research articles (6,170)

Encyclopedia (58)

Book chapters (417)

Show more ▾

Publication title

Renewable Energy (1,143)

Renewable and Sustainable Energy Reviews (683)

Energy (539)

Show more ▾

Subject areas

Energy (5,680)

Engineering (3,532)

Materials Science (949)

Show more ▾


Access type

Open access & Open archive (1,013)

Atzīmēt, lai eksportētu atsauci vai veiktu lejupielādes vairākiem rakstiem


Research article ● Open access

1 Using time-windowed solar radiation profiles to assess the daily uncertainty of solar thermal electricity production forecasts
Journal of Cleaner Production, 22 October 2022
Mario Biencinto, Lourdes González, Loreto Valenzuela

 View PDF Abstract ▾ Extracts ▾ Figures ▾ Export ▾

Research article ● Full text access

2 World map of low-layer atmospheric extinction values for solar power tower plants projects
Renewable Energy, 11 November 2022
Aloís Salmon, Aitor Marzo, ... Joaquín Alonso-Montesinos

 View PDF Abstract ▾ Extracts ▾ Figures ▾ Export ▾

Atzīmēt, lai atlasītu pēc izdošanas gada, raksta veida, avota nosaukuma un piekļuves veida

Raksts .pdf formātā

Robotics and Computer-Integrated Manufacturing 85 (2024) 102626



Contents lists available at [ScienceDirect](https://www.sciencedirect.com)

Robotics and Computer-Integrated Manufacturing

journal homepage: www.elsevier.com/locate/rcim



Review

Human Digital Twin in the context of Industry 5.0

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ARTICLE INFO

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Industry 5.0
Smart manufacturing
Human-centricity

ABSTRACT

Human-centricity, a core value of Industry 5.0, places humans in the center of production. It leads to the prioritization of human needs, spanning from health and safety to self-actualization and personal growth. The concept of the Human Digital Twin (HDT) is proposed as a critical method to realize human-centricity in smart manufacturing systems towards Industry 5.0. HDTs are digital representations of humans, aiming to change the practice of human-system integration by coupling humans' characteristics directly to the system design and its performance. In-depth analysis, critical insights, and application guidelines of HDT are essential to realize the concept of Industry 5.0 in practice and evolve the smart manufacturing paradigm in modern factories. However, the investigation on the development of HDT to evolve humans' roles and develop humans to their full potential is limited to date. Recent studies are rarely geared towards designing a standardized framework and architecture of HDT for diverse real-world applications. Thus, this work aims to close this research gap by carrying out a comprehensive survey on HDT in the context of Industry 5.0, summarizing the ongoing evolution, and proposing a proper connotation of HDT, before discussing the conceptual framework and system architecture of HDT and analyzing enabling technologies and industrial applications. This work provides guidance on possible avenues as well as challenges for the further development of HDT and its related concepts, allowing humans to reach their potential and accommodating their diverse needs in the futuristic smart manufacturing systems shaped by In-

Studentiem un akadēmiskajam personālam piedāvājam individuālās konsultācijas, ekskursijas, grupu apmācības!

Apmācību laikā piedāvājam apgūt:

- efektīvi izmantot bibliotēkas **pakalpojumus**,
- **elektroniskā kataloga** piedāvātās iespējas,
- meklēšanas rīku **PRIMO**,
- informācijas meklēšanu abonētajos **e-resursos**,
- publikāciju pievienošanu RTU zinātniskās darbības atbalsta sistēmā **ORTUSā**,
- informācijas organizēšanas rīku  **MENDELEY**

Pieteikties elektroniski:

- <https://ej.uz/Biblap>



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67089102

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Seko mums:



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<https://www.facebook.com/RTUZH>