

ACCESS and LIBRARY MANUAL

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COUNTER Statistics



COUNTER (Counting Online Usage of Networked Electronic Resources) is an initiative formed by **NISO (National Information Standards Organization)**. Libraries and publishers wish to make available consistent, credible, and comparable usage reporting. In this light, COUNTER helps libraries understand how content they obtain from a variety of vendors and publishers is being used.

For a publisher or vendor to be considered “COUNTER-compliant,” they must undergo an independent audit to show compliance with the COUNTER Code of Practice (that their usage reports follow the standard reporting structure).

In terms of the usage reports provided, COUNTER reports include usage information on journals, databases and books, and provide standards for recording & reporting online usage stats for consistency, credibility & compatibility among vendors.

Release 5 is designed to balance the needs of quality reports with the need to make things simpler so that all content providers can achieve compliance and librarians can have usage statistics that are credible, consistent and comparable.

Trans Tech Publications Ltd. provides its subscribers with Counter Reports 4 and 5.

If you want more information on the [latest release for the Code of Practice](#), the Project COUNTER website has further details, or stay on Editor Resources for more detail on [understanding research metrics](#).



STATISTICS FOR LIBRARIES

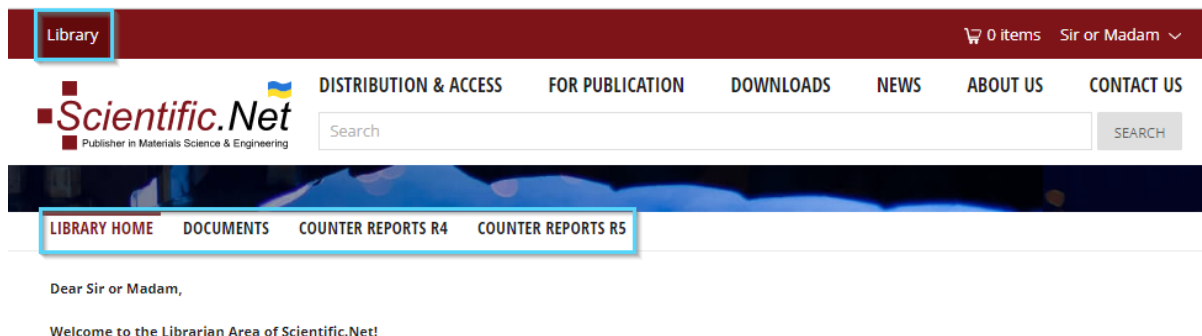
Follow our step-by-step instructions to start the reviewing process.



Step 1. Library Home

Log in to your account and select the **LIBRARY** role on the top menu. You will see your library main menu. Menu tabs for Library comprise four sections:

LIBRARY HOME DOCUMENTS COUNTER REPORTS R4 COUNTER REPORTS R5



Step 2. Documents

By clicking on **DOCUMENTS** you get to a screen where you can see **how many papers have been downloaded** during a specific time period (weeks, months, years, etc.).



Subscribed: Each time a user downloads the PDF of a paper to which he has access (only PDF downloads are counted, first page views are not counted).

Unsubscribed: Shows how many times a user tried to download a paper to which he does not have access. Without access a user can only open the first page of the paper; each time he opens this first page is counted.

➔ **Step 3. Counter Reports R4**

Clicking on **COUNTER REPORTS R4** you will get to an interface that allows you to **download reports with download statistics**. Simply select the period (year, month, last 7 days or any other period from the calendar) you are interested in, the data format (XML or CSV) and click on the **Load** button in order to have the download window pop up asking you where you want to save the file.

COUNTER REPORT	DESCRIPTION	ACTION
COUNTER Journal Report 1	Number of Successful Full-text Article Requests by Month and Journal	LOAD
COUNTER Journal Report 2	Access Denied to Full-Text Articles by Month, Journal and Category	LOAD
COUNTER Journal Report 5	Number of Successful Full-Text Article Requests by Year-of-Publication (YOP) and Journal	LOAD
COUNTER Book Report 1	Number of Successful Title Requests by Month and Title	LOAD
COUNTER Book Report 3	Access Denied to Content Items by Month, Title and Category	LOAD

You can find more information about these reports at <https://www.projectcounter.org/code-of-practice-sections/usage-reports/>.

➔ **Step 4. Counter Reports R5**

The **COUNTER REPORTS R5** tab takes you to a screen where you can **download your reports on usage of the journals content** for a certain period of time. You can adjust the needed period manually.

REPORT ID	REPORT NAME	DETAILS	ACTION
TR_J1	Journal Requests (Excluding OA_Gold)	Reports on usage of journal content, excluding Gold Open Access content, as Total_Item_Requests and Unique_Item_Requests. The Unique_Item_Requests provides comparable usage across journal platforms by reducing the inflationary effect that occurs when an HTML full text automatically displays and the user then accesses the PDF version. The Total_Item_Requests shows overall activity.	LOAD
TR_J2	Journal Access Denied	Reports on Access Denied activity for journal content where users were denied access because simultaneous-use licenses were exceeded or their institution did not have a license for the title.	LOAD
TR_J3	Journal Usage by Access Type	Reports on usage of journal content for all Metric_Types broken down by Access_Type.	LOAD
TR_J4	Journal Requests by YOP (Excluding OA_Gold)	Breaks down the usage of journal content, excluding Gold Open Access content, by year of publication (YOP), providing counts for the Metric_Types Total_Item_Requests and Unique_Item_Requests. Provides the details necessary to analyze usage of content in backfiles or covered by perpetual access agreement. Note that COUNTER reports do not provide access model or perpetual access rights details.	LOAD
TR_B1	Book Requests (Excluding OA_Gold)	Reports on full-text activity for books, excluding Gold Open Access content, as Total_Item_Requests and Unique_Title_Requests. The Unique_Title_Requests provides comparable usage across book platforms. The Total_Item_Requests shows overall activity; however, numbers between sites will vary significantly based on how the content is delivered (e.g. delivered as a complete book or by chapter).	LOAD
TR_B2	Book Access Denied	Reports on Access Denied activity for books where users were denied access because simultaneous-use licenses were exceeded or their institution did not have a license for the book.	LOAD

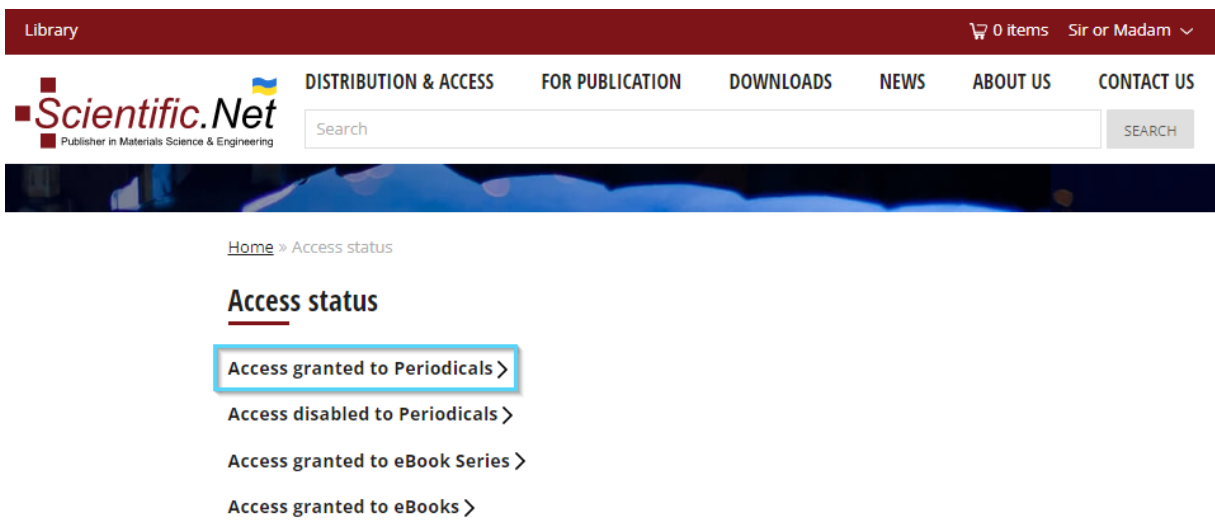
ACCESS TO PERIODICALS

To access the periodicals that are open for your account, please follow the steps:

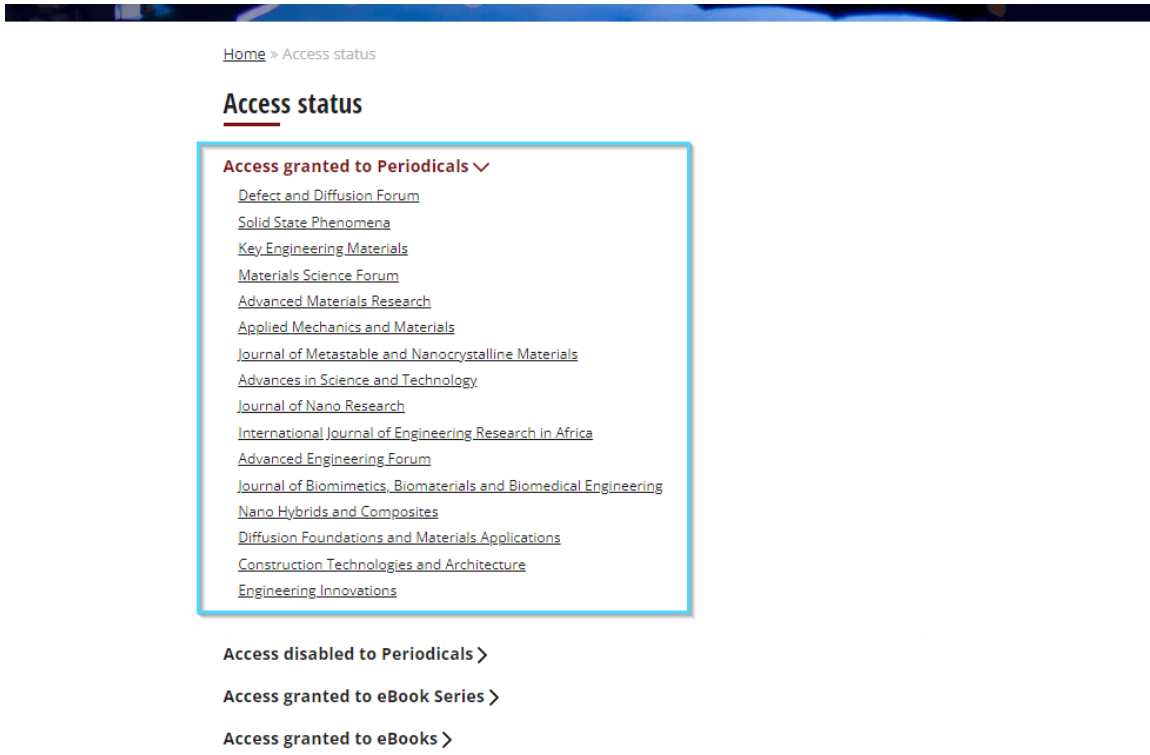
1. Visit www.scientific.net website.
2. Log in to your User account in the top right corner of the webpage and click on the “**Access Status**” menu as shown in the screenshot below:



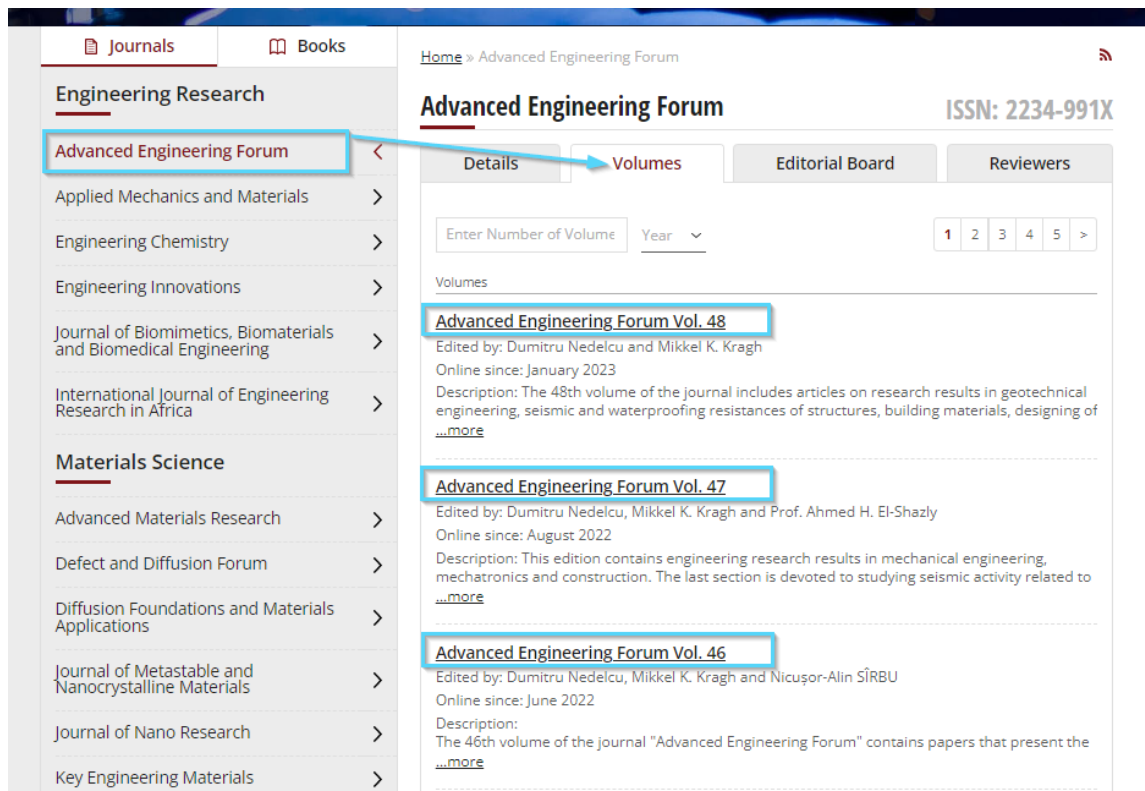
3. Click on “**Access granted to Periodicals**”:



4. Under the “Access granted to Periodicals” you will have a full access to the list of all subscribed periodicals:



5. Select the periodical. The list of volumes will be available under the periodical title in the tab "Volumes":



6. Please click on the Volume to open the list of articles:

Home » [Advanced Engineering Forum](#) » Advanced Engineering Forum Vol. 48

Advanced Engineering Forum Vol. 48

DOI: <https://doi.org/10.4028/v-05x6s6>

ToC: [Table of Contents](#)

Search

Paper Title	Page
Experimental Study on Waterproofing of Pipe Jacking Shaft and Pipe Joint in Metro Station ☆ Authors: Zhi Qiang Wang, Zhen Yu Lei Abstract: Through the indoor waterproof test, the water pressure resistance performance of the waterproof system formed by setting embedded grouting pipe in the middle of ...more	1
Comparative Study of the Non-Linear Dynamic Behaviour of Different Seismic Isolation Systems ☆ Authors: Hamouche Sabiha, Bennacer Lyacine, Nassim Kernou Abstract: To mitigate the effect of earthquake on the structure, the base isolation technique is the best alternative as a seismic protection system. In this research, a two- ...more	17
Comparative Study of the Strength Properties and Frost Resistance of Cement Stabilized Macadam ☆ Authors: Jian Sun, Valeriy Zhaniuk, Shuai Wang Abstract: Through a series of experimental studies on the unconfined compressive strength, indirect tensile strength (ITS) and freeze-thaw stability of cylindrical specimens, ...more	31

7. Select an article. You can access its full text by clicking on the button "FULL TEXT PDF" available below the Abstract:

Home » [Advanced Engineering Forum](#) » [Advanced Engineering Forum Vol. 48](#) » [Experimental Study on Waterproofing of Pipe...](#)

Experimental Study on Waterproofing of Pipe Jacking Shaft and Pipe Joint in Metro Station

324

Abstract:
 Through the indoor waterproof test, the water pressure resistance performance of the waterproof system formed by setting embedded grouting pipe in the middle of double water swelling sealants was studied to ensure that the station pipe joint could meet the operation requirements. The results show that there must be enough distance between the outside sealant and the edge of the pouring concrete, otherwise the new and old concretes cannot be poured tightly; after swelling, the water pressure resistance of sealants is improved in the range of 0-0.55 MPa, with individual differences; the two kinds of slurries have obvious influence on the improvement of water pressure resistance, but the improvement effect of waterborne epoxy slurry is better than that of polyurethane slurry.

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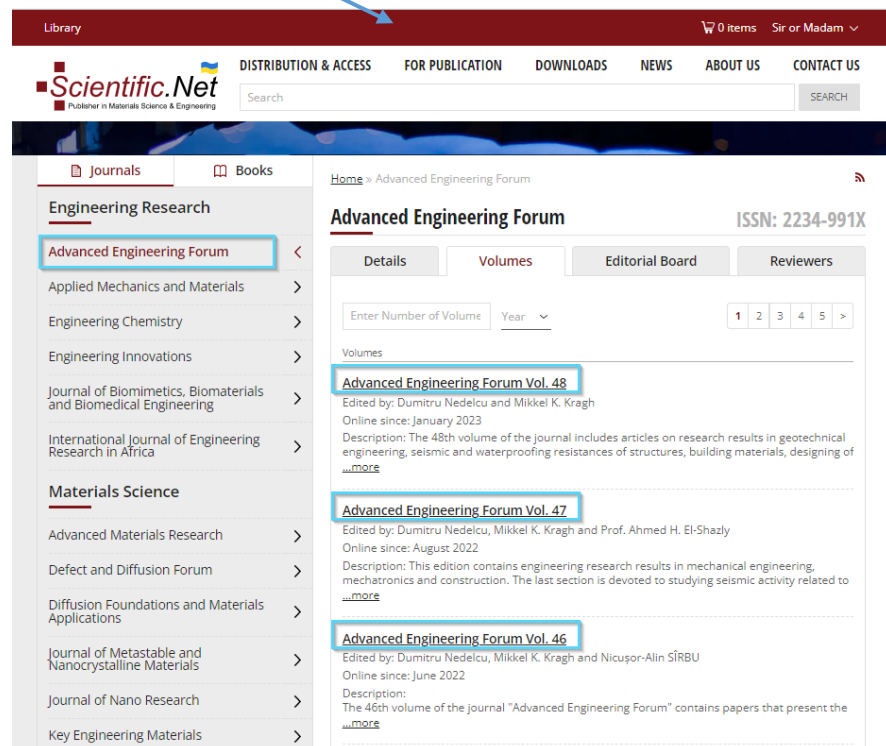
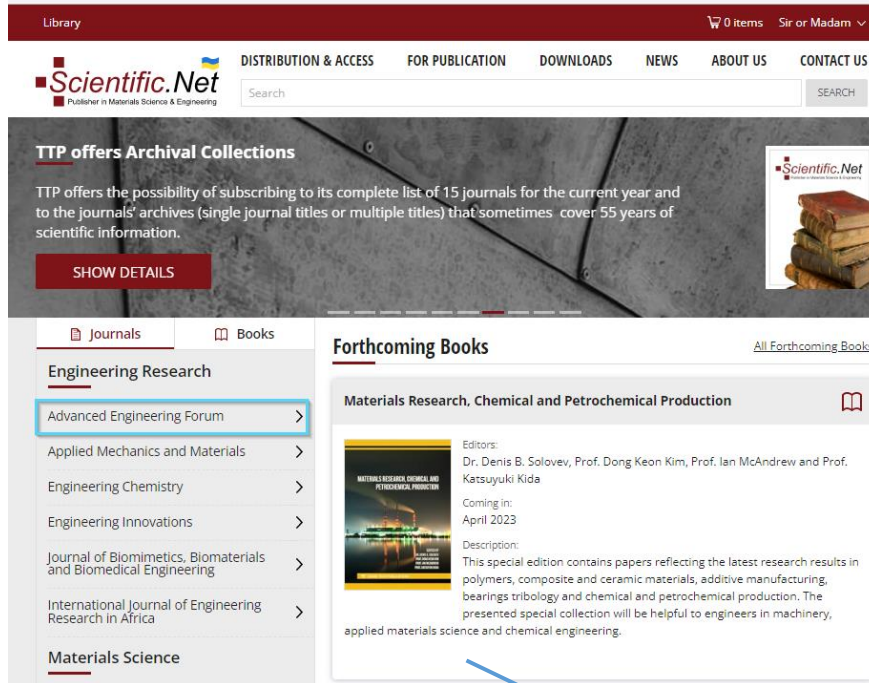
Info:

Periodical: [Advanced Engineering Forum \(Volume 48\)](#)

Pages: 1-15

NOTE:

You can skip steps 2-5 and select the periodical from the list appearing on the left side after you access the www.scientific.net website:



All further steps will be the same.

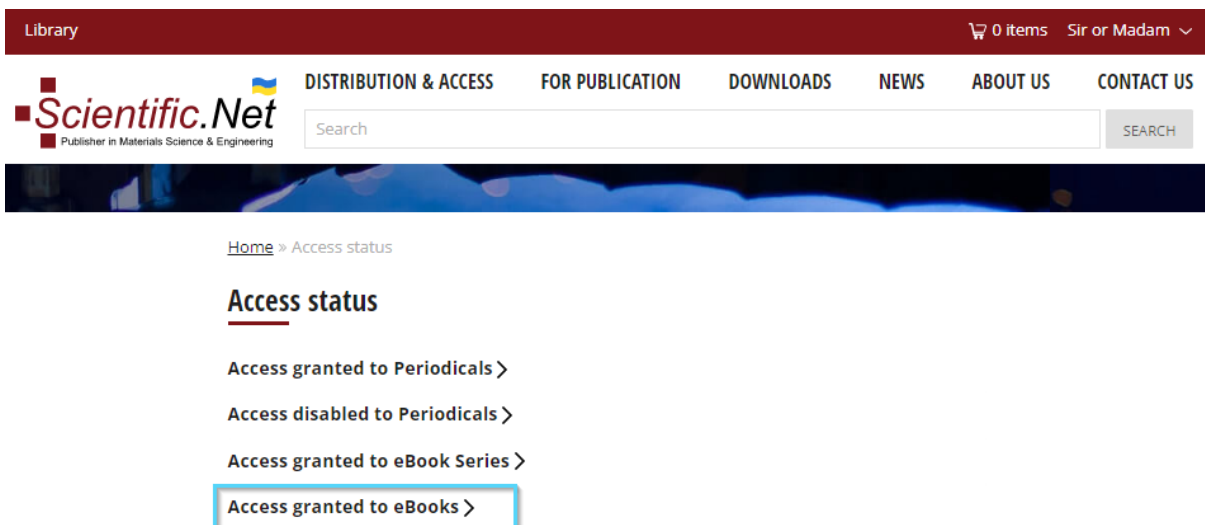
ACCESS TO eBOOKS

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1. Visit www.scientific.net website.
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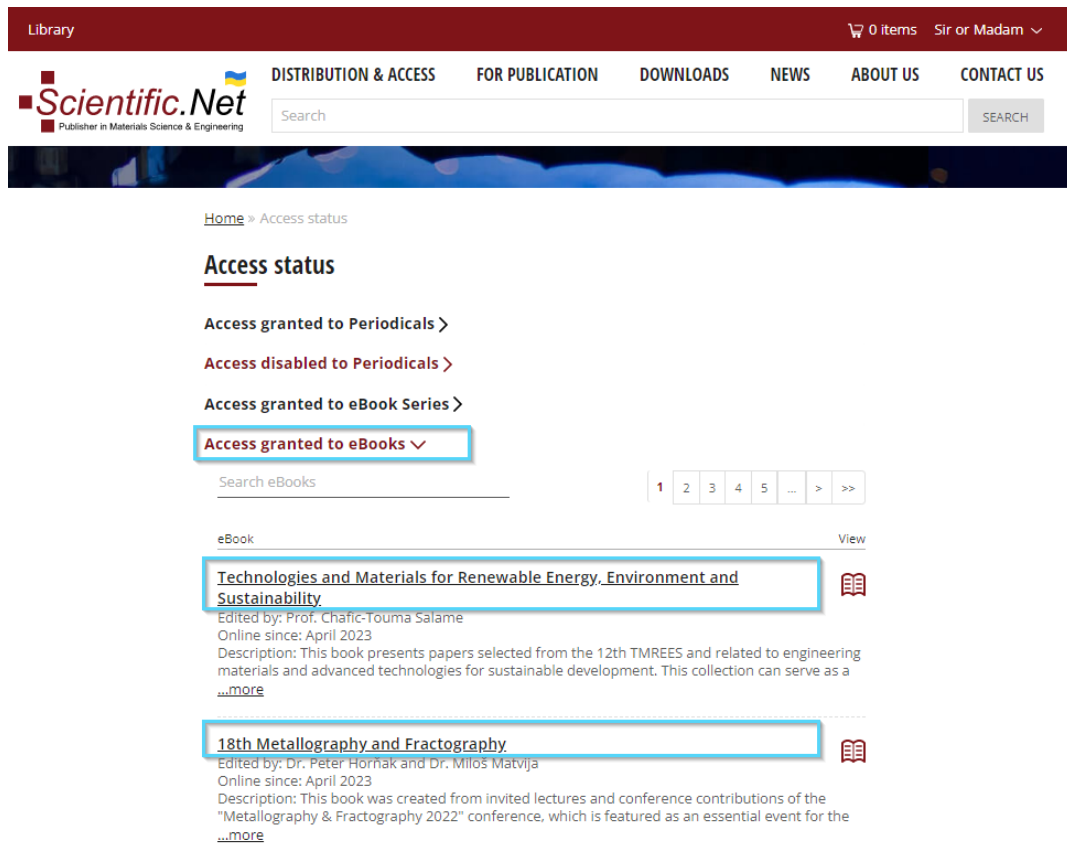
3. *Click on “**Access granted to eBooks**”:



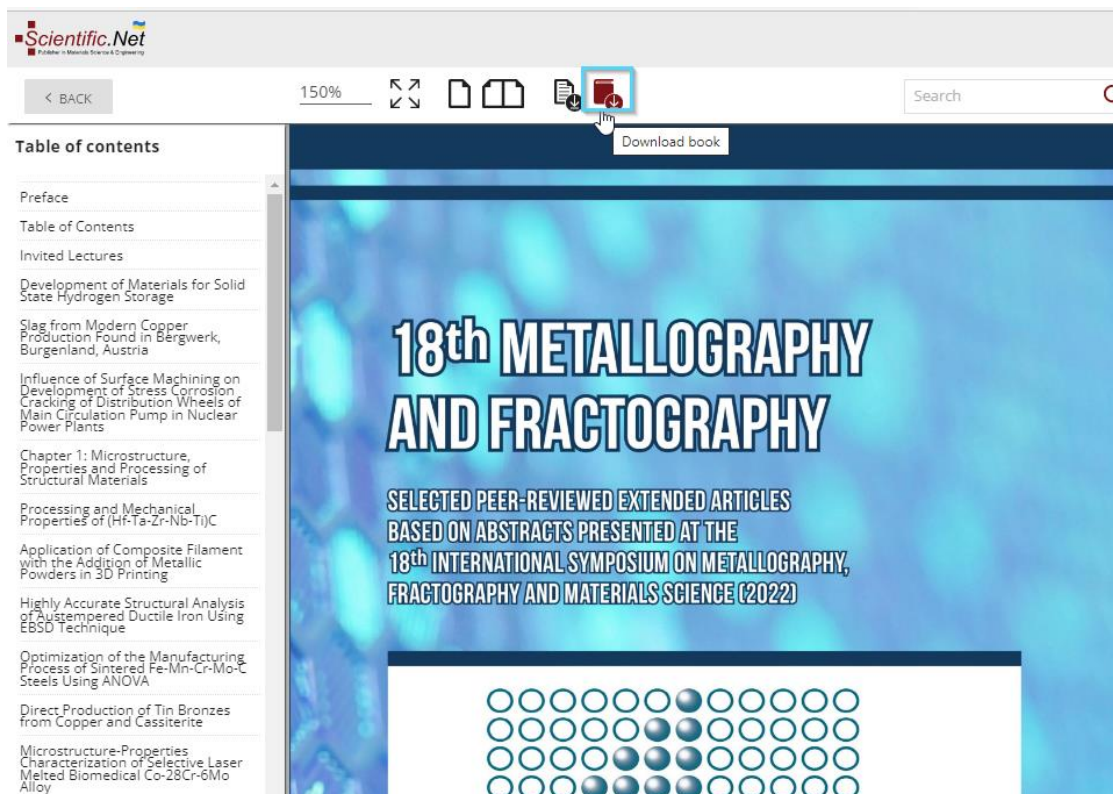
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6. You can also download a separate article: choose an article from the Table of Contents list, click on it and click on the “Download current paper” icon on the top:

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 Revised: 2022-09-07
 Accepted: 2023-01-12
 Online: 2023-03-15

Development of Materials for Solid State Hydrogen Storage

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Keywords: Hume-Rothery criterion; high entropy alloys; solid state hydrogen storage; solid solution.

Abstract. Series of high entropy alloys designed on Hume-Rothery criterion was prepared and the probability of the empirical approach to hydrogen storage materials preparation was investigated. Calculated HIEA's with equimolar compositions were selected from the list of alloys with limited VEC (valence electron concentration), ΔS and ΔH . The phase composition of prepared materials was compared with the prediction model and material characteristics such as chemical composition, and phase composition were studied. In this article material characterization of predicted high-entropy alloys with various prediction parameters values will be presented in terms of empirical prediction methods for solid-state hydrogen storage materials.

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Volume in the series: 45
 Authors: Umapada Pal

The presented book under the edition of Prof. Umapada Pal (Institute of Physics, Autonomous University of Puebla, Mexico) collected articles that reflected the last [more](#)

June 2005 **Cellular Metals and Polymers** eBook

Volume in the series: 44
 Authors: R.F. Singer, C. Körner, V. Altstadt and H. Münsterdt

This collection constitutes an essential sourcebook for researchers, producers and users seeking technical information on materials with foam-like structures. [more](#)

All further steps will be the same.

IP USER AND OTHER WAYS TO ACCESS PERIODICALS AND eBOOKS

The access to the same extent and the same periodicals/eBooks is granted to IP Users without necessity to log in to the user account.

In other words, you can enjoy the prompt easy access to all content open for your IP immediately after visiting the Scientific.Net website and skipping the authorization step.

The IP access functionality will be available at the top left corner of the website to enable you to reach the subscribed periodicals and eBooks via the same “Access Status” and “My eBooks” menus as through the authorized access, please see below:

The screenshot displays the Scientific.Net website interface. At the top left, a dropdown menu for 'IP_test_user_account' is open, showing 'Access Status' and 'My eBooks' options. The main navigation bar includes 'DISTRIBUTION & ACCESS', 'FOR PUBLICATION', 'DOWNLOADS', 'NEWS', 'ABOUT US', and 'CONTACT US'. A search bar is located below the navigation. The left sidebar lists journals under 'Engineering Research' and 'Materials Science', with 'Advanced Materials Research' highlighted. The main content area shows the 'Advanced Materials Research - Details' page, including an 'About' section and a 'SUBMIT PAPER' button.

All further steps are the same as described for the authorized access.

There are **different methods to access Scientific.net**, that is through:

- 1) IP Address authentication (IPv4);
- 2) SSO Authentication (now supported next federations: eduGAIN, OpenAthens, UK Access Management, InCommon, SWAMID, SWITCHaai, and DFN-AAI). SAML protocols: OpenAthens, Shibboleth
- 3) Authentication by Scientific.NET user login and password;
- 4) Google Scholar CASA to provide authentication enhancement that improves the authentication for off-campus users of Google Scholar.

Enjoy the advantages of the prompt and easy IP User access and in case of any problems with access or other questions, please contact us: office@scientific.net.



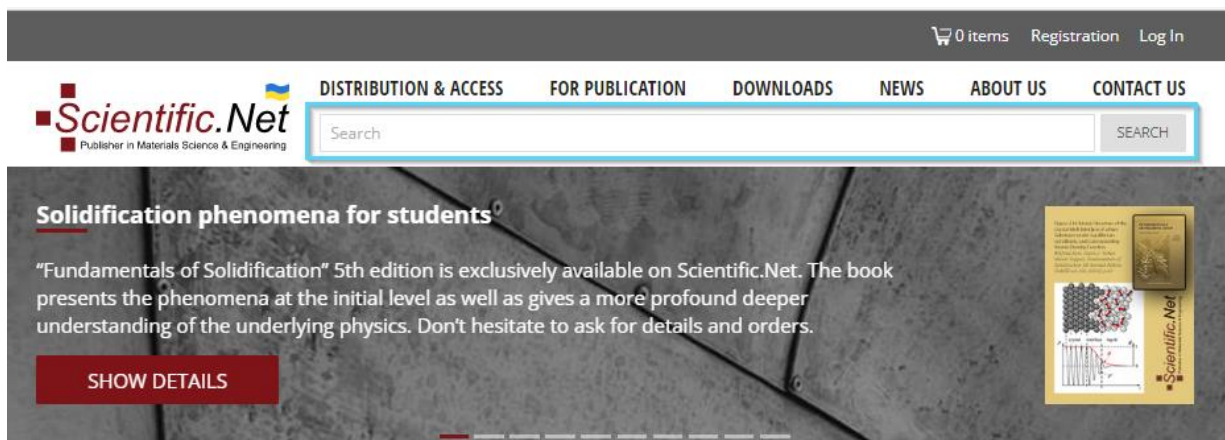
SEARCH OPTIONS and CAPABILITIES

Our website Scientific.Net offers a very comfortable search through the database allowing the users to refine their search by keywords, author, periodical, etc. as well as sort it by relevance or date.

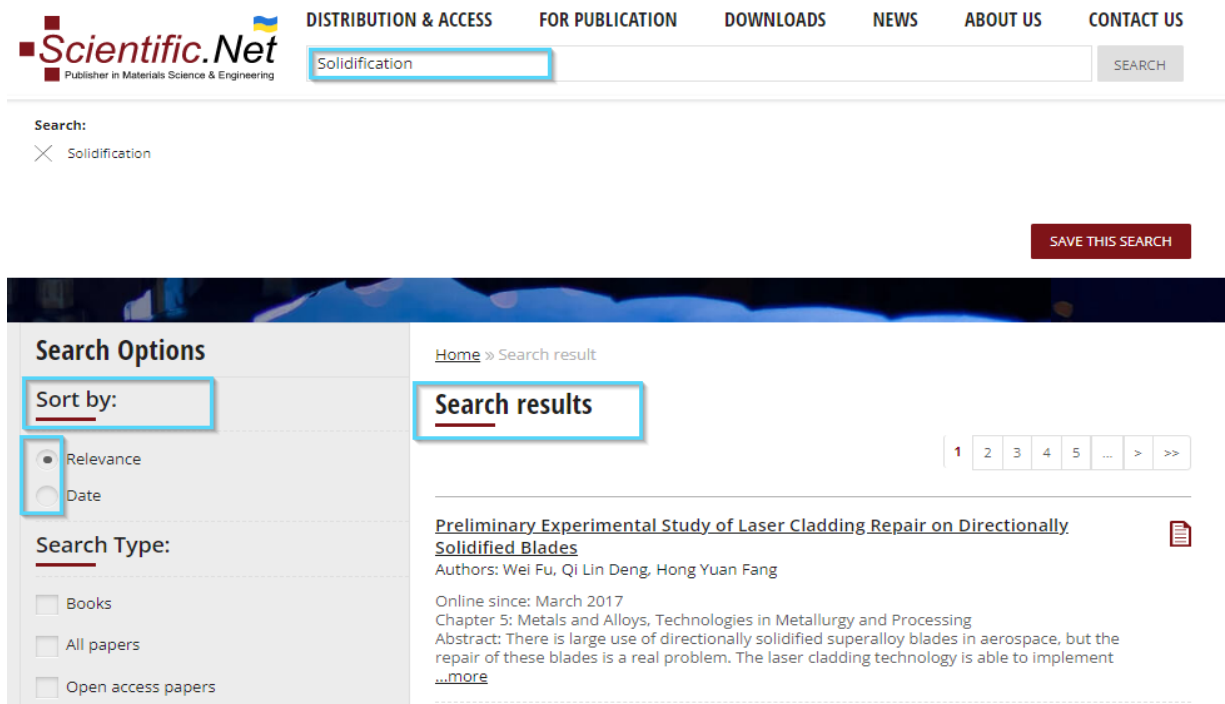
Please explore this option in more detail.

GETTING STARTED

To start searching the content, please type in the phrase / title of your interest in the searchbox that appears at the top of the webpage under the website menus and press the “Search” button or “Enter” button on the keyboard.



You can **sort** your search results by relevance or date:



Also, you can **refine** your search results by:

- the type of the publication (book/paper/Open Access paper)
- the periodical
- the age of the publication, keywords, author or paper title

The screenshot shows the Scientific.Net search interface. At the top, there are navigation links: DISTRIBUTION & ACCESS, FOR PUBLICATION, DOWNLOADS, NEWS, ABOUT US, and CONTACT US. A search bar contains the term 'Solidification' and a 'SEARCH' button. Below the search bar, a summary of filters is shown: Search: Solidification, Age: 3 Years, and Keywords: dendrite. A 'SAVE THIS SEARCH' button is located on the right.

The main content area is divided into two columns. The left column contains 'Search Options' with sections for 'Sort by' (Relevance selected, Date), 'Search Type' (All papers selected), 'Periodicals' (various journals listed), and 'Narrow Search' (Age: 3 Years, and fields for adding keywords, authors, and titles). The right column shows 'Search results' with a pagination control (1, 2, >). Three search results are displayed, each with a title, authors, online date, chapter information, and an abstract snippet. The results are:

- Numerical Analysis of Microstructure Anomalies during Laser Welding Nickel-Based Single-Crystal Superalloy Part III: Amelioration of Solidification Behavior** by Zhi Guo Gao, online since August 2021.
- Effects of Ce Addition on Solidification Structure of a Low-Carbon 42CrMo4 Steel** by Vu The Ha, Jaromír Drápala, Silvie Brožová, Michal Madaj, Pavel Machovčák, Petr Jonšta, online since July 2021.
- Numerical Analysis of Aerospace Nickel-Based Single-Crystal Superalloy Weldability Part I: Crystallography-Dependent Dendrite Growth** by Zhi Guo Gao, online since January 2021.

 The bottom of the page shows the start of a fourth result: **Numerical Analysis of Microstructure Anomalies during Laser Welding Nickel-Based Single-Crystal Superalloy Part I: Salient Aluminum Redistribution Melioration** by Zhi Guo Gao, online since February 2021.

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