



IEEE Xplore

USER SEARCHING GUIDE

1. Go to <https://ieeexplore-ieee-org.ezproxy.uniten.edu.my/Xplore/dynhome.jsp?tag=1> and log in through EZproxy using Student ID and password. (same as Brighthen and Wi-Fi access)



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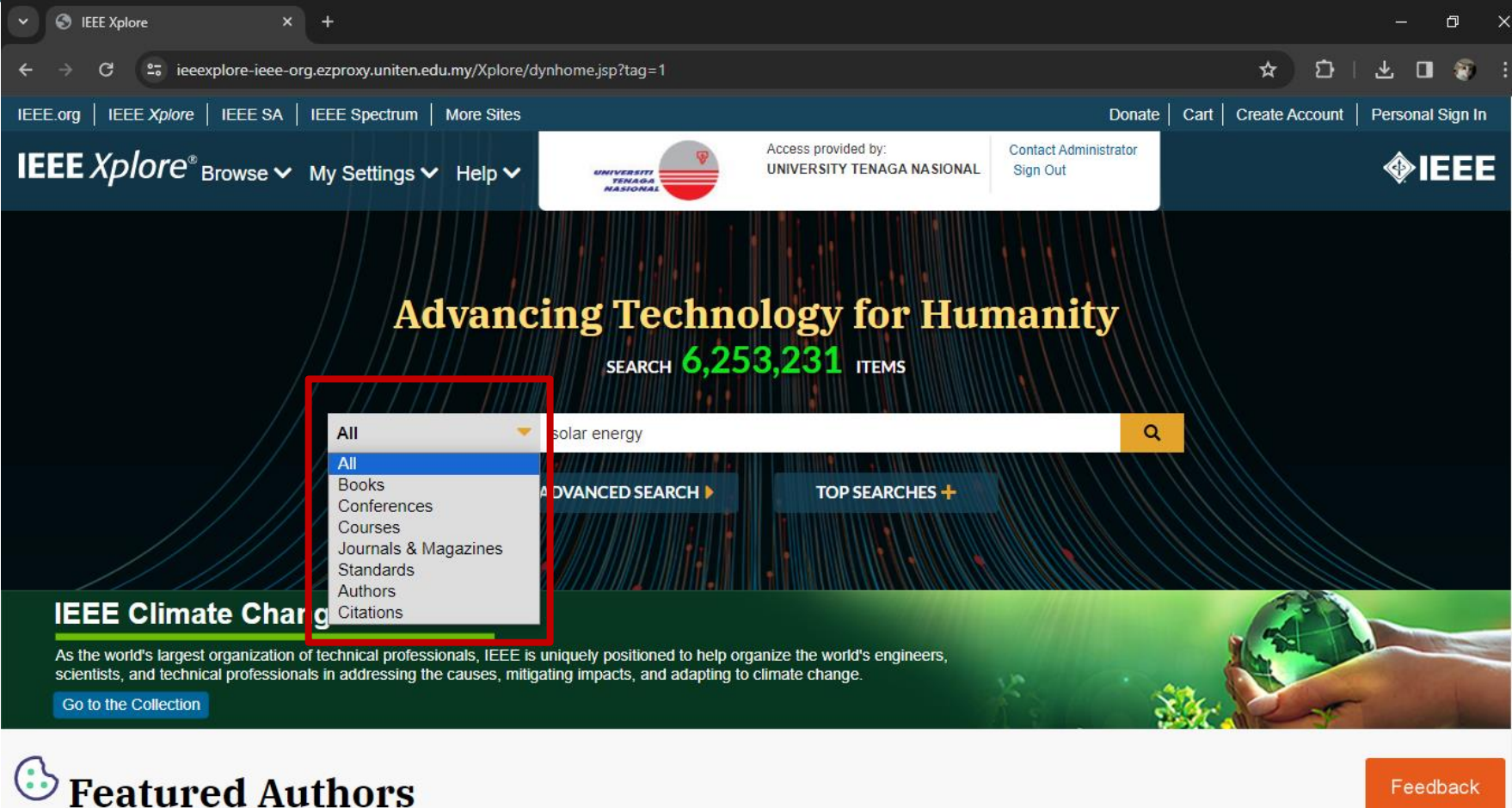
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2. User can narrow down their search by selecting a specific type of document.



The screenshot displays the IEEE Xplore website interface. At the top, the navigation bar includes links for IEEE.org, IEEE Xplore, IEEE SA, IEEE Spectrum, and More Sites. On the right, there are links for Donate, Cart, Create Account, and Personal Sign In. The main header features the IEEE Xplore logo, a 'Browse' dropdown, 'My Settings', and 'Help'. A banner for 'UNIVERSITY TENAGA NASIONAL' indicates access provided by the institution, with a 'Sign Out' link. The central banner reads 'Advancing Technology for Humanity' and shows a search result of 6,253,231 items. A search bar contains the text 'solar energy'. A dropdown menu is open, showing document types: All, Books, Conferences, Courses, Journals & Magazines, Standards, Authors, and Citations. Below the search bar are buttons for 'ADVANCED SEARCH' and 'TOP SEARCHES'. A section titled 'IEEE Climate Change' is visible, with a description of IEEE's role and a 'Go to the Collection' button. The footer includes 'Featured Authors' and a 'Feedback' button.

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IEEE

Advancing Technology for Humanity

SEARCH 6,253,231 ITEMS

solar energy

ADVANCED SEARCH ▶ TOP SEARCHES +

IEEE Climate Change

As the world's largest organization of technical professionals, IEEE is uniquely positioned to help organize the world's engineers, scientists, and technical professionals in addressing the causes, mitigating impacts, and adapting to climate change.

Go to the Collection

Featured Authors

Feedback

3. Enter the keyword in the search bar.

The screenshot displays the IEEE Xplore website interface. At the top, a dark blue navigation bar contains links for IEEE.org, IEEE Xplore, IEEE SA, IEEE Spectrum, and More Sites. On the right side of this bar are links for Donate, Cart, Create Account, and Personal Sign In. Below this, a secondary navigation bar features the IEEE Xplore logo, dropdown menus for Browse, My Settings, and Help, a University Tenaga Nasional logo, and text indicating access provided by the university. Further right are links for Contact Administrator and Sign Out, followed by the IEEE logo.

The main content area has a dark background with a pattern of glowing lines. It features the headline "Advancing Technology for Humanity" in yellow, followed by "SEARCH 6,253,231 ITEMS" in green. A search bar is prominently displayed, containing the text "solar energy" and a magnifying glass icon. The search bar is highlighted with a red rectangular border. Below the search bar are two buttons: "ADVANCED SEARCH" and "TOP SEARCHES".

Below the search section is a green banner for the "IEEE Climate Change Collection". It includes a description: "As the world's largest organization of technical professionals, IEEE is uniquely positioned to help organize the world's engineers, scientists, and technical professionals in addressing the causes, mitigating impacts, and adapting to climate change." and a blue button labeled "Go to the Collection".

The footer of the page is white and contains the "Featured Authors" section on the left and a "Feedback" button on the right.

4. The search result will appear and user can refer to the total number available.

IEEE.org | IEEE Xplore | IEEE SA | IEEE Spectrum | More Sites Donate | Cart | Create Account | Personal Sign In

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All

ADVANCED SEARCH


Search within results

Showing 1-25 of 73,931 results for **solar energy** x

☐ Conferences (61,388) ☐ Journals (10,794) ☐ Magazines (1,112) ☐ Books (408)

☐ Early Access Articles (149) ☐ Standards (78) ☐ Courses (2)

Publications You May Be Interested In: Hide Related Publications ^

 Sunlight to Electricity:
Prospects for Solar Energy
Conversion by Photovoltaics Book

Solar Energy: Advancements
and Challenges Book

International Conference on
Solar Energy and Building
(ICSoEB) Conference

5. On the left side, user can filter their search results according to their needs such as publication years and document type.

The screenshot displays the IEEE Xplore search results interface. A red rectangular box highlights the left sidebar, which contains the following filter sections:

- Show**
 - ☒ All Results
 - ☐ Subscribed Content ?
 - ☐ Open Access Only
- Year**
 - ☒ Range ☐ Single Year
 - Input fields: 1931 and 2024
 - Buttons: Clear and Apply
- Author** (dropdown arrow)
- Affiliation** (dropdown arrow)
- Publication Title** (dropdown arrow)
- Publisher** (dropdown arrow)
- Supplemental Items** (dropdown arrow)
- Conference Location** (dropdown arrow)
- Publication Topics** (dropdown arrow)

The main content area shows three search results:

- Simulation and Evaluation of The Solar Energy Systems in The Public Buildings in The City of Tripoli-Libya : Mosques Sector**
Ibrahim H. Tawil; Mukhtar BenAbeid; Said Belhaj; Belgasim Sowid
2021 12th International Renewable Energy Congress (IREC)
Year: 2021 | Conference Paper | Publisher: IEEE
Options: Abstract, HTML, PDF, CC
- Research on Energy Storage Configuration Method Based on Wind and Solar Volatility**
Shi Xuewei; Shi Xuefang; Dong Wenqi; Zang Peng; Jia Hongyan; Wu Jinfang; Wang Yang
2020 10th International Conference on Power and Energy Systems (ICPES)
Year: 2020 | Conference Paper | Publisher: IEEE
Cited by: Papers (44)
Options: Abstract, HTML, PDF, CC
- Energy Payback Time (EPBT) and Energy Return on Energy Invested (EROI) of Perovskite Tandem Photovoltaic Solar Cells**
Ilke Celik; Adam B. Philips; Zhaoning Song; Yanfa Yan; Randy J. Ellingson; Michael J. Heben; Defne Apul
IEEE Journal of Photovoltaics
Year: 2018 | Volume: 8, Issue: 1 | Journal Article | Publisher: IEEE
Cited by: Papers (58)
Options: Abstract, HTML, PDF, CC

On the right side, there are promotional banners for new eBooks, the IEEE Open Journal of Intelligent Transportation Systems, and a notice about indexing by Clarivate, along with a Feedback button.

6. Click on any title of your interest to view. The unlocked symbol indicates that the document is available in full text. (not all titles have full-text access)

The screenshot displays the IEEE Xplore search results interface. On the left, a sidebar contains filters for 'Show' (All Results, Subscribed Content, Open Access Only), 'Year' (Range, Single Year), and various dropdown menus for 'Author', 'Affiliation', 'Publication Title', 'Publisher', 'Supplemental Items', 'Conference Location', and 'Publication Topics'. The main content area shows three search results, each with an unlocked symbol (a green padlock with a diagonal line) in a red box. The results are sorted by 'Relevance'.

☐ Select All on Page

Sort By Relevance

☐ All Results
☐ Subscribed Content ?
☐ Open Access Only

Year ^
☒ Range ☐ Single Year
1931 2024
Clear Apply

Author ▼
Affiliation ▼
Publication Title ▼
Publisher ▼
Supplemental Items ▼
Conference Location ▼
Publication Topics ▼

☐ **Simulation and Evaluation of The Solar Energy Systems in The Public Buildings in The City of Tripoli-Libya : Mosques Sector**
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Abstract HTML PDF CC

☐ **Research on Energy Storage Configuration Method Based on Wind and Solar Volatility**
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IEEE

All

ADVANCED SEARCH

Conferences > 2020 10th International Confe... ?

Research on Energy Storage Configuration Method Based on Wind and Solar Volatility

Publisher: IEEE Cite This PDF

Shi Xuewei ; Shi Xuefang ; Dong Wenqi ; Zang Peng ; Jia Hongyan ; Wu Jinfang ; Wang Yang All Authors

44 Cites in Papers 7576 Full Text Views

Abstract

Document Sections

- I. Introduction
- II. Analysis of the Wind and Solar Power Output Fluctuation

Abstract:

Vigorously developing the new energy has become an important measure for our country's energy strategy adjustment and transformation of the power development mode. However, it provides significant challenges to the grid for their large-scale integration because of their random and volatile characteristics, such as wind power and photovoltaics. The introduction of energy storage devices can improve this situation effectively, to promote the large-scale application of new energy. Based on the historical wind and solar data of the National Wind and Solar Storage and Transportation Demonstration Project, this paper analyzes the 15-minute and 10-minute fluctuation characteristics of wind and solar power generation. It also studies the control method of energy storage system to improve the friendliness of wind and solar power generation, based on the control

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IEEE Transactions on Sustainable Energy
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