

Applied Science & Technology Source

[New Search](#) [Publications](#) [Thesaurus](#) [Cited References](#) [More ▾](#)



Searching: **Applied Science & Technology Source** | [Choose Databases](#)

Select a Field (optional) ▾

Search

AND ▾

Select a Field (optional) ▾

[Create Alert](#)

AND ▾

Select a Field (optional) ▾

[Clear](#) [?](#)



[Basic Search](#) [Advanced Search](#) [Search History](#)

Publisher

EBSCO

Contents

It covers the subjects: Applied mathematics, Communication & Information Technology, Energy Resources & Research, Engineering Disciplines, Geology, Machinery, Metallurgy, Plastics, Robotics and much more.

Extent

It contains more than 1300 scientific journals in full text

Type

Bibliographic database

Search language

English

Geographical

International

Document types

Content covers from trade and industrial journals, professional and technical society journals, specialized subject periodicals, buyers' guides, directories, and conference proceedings

Truncation

Is represented by an asterisk (*).

Start your search here

1. Enter your search terms in the first **Find** field on the Search screen
2. Choose the search field from the optional **Select a Field** drop-down list.
3. Repeat steps 1 and 2 for the second set of **Find** fields, if you want to search on more terms.
4. Select a Boolean operator (AND, OR, NOT) to combine the two **Find** field entries.
5. Select from the available Search Options:
 - a. **Search modes** - Use specific search modes such as "Find all my search terms," or "SmartText Searching," or use search options that expand your search such as "Apply related words."
 - b. **Limit your results** - such as Full Text or Publication type.

The screenshot shows the EBSCOhost search interface. At the top, there are search fields with the terms 'solar energy' and 'business', and Boolean operators 'AND'. Below the search fields are buttons for 'Search', 'Create Alert', and 'Clear'. The 'Search Options' section is expanded, showing 'Search Modes and Expanders' with radio buttons for 'Proximity within five words', 'Find all my search terms', 'Find any of my search terms', and 'SmartText Searching'. There are also checkboxes for 'Apply equivalent subjects', 'Apply related words', and 'Also search within the full text of the articles'. The 'Limit your results' section includes checkboxes for 'Full Text', 'Scholarly (Peer Reviewed) Journals', and 'References Available'. There are also input fields for 'Publication' and 'ISSN', and a 'Document Type' dropdown menu with 'Abstract' selected. A 'Reset' button is located in the top right corner of the 'Search Options' section. Three orange arrows point from the search fields, Boolean operators, and Search Options sections to three boxes at the bottom: 'Search Fields', 'Boolean operators', and 'Search Options'.

Search Fields

Boolean operators

Search Options

How to refine results

1. You can refine your results at the left on the page after searching.
2. The options in Refine Results are
 - a. **Full Text** – Click to limit results to articles with full text.
 - b. **Peer Reviewed** – Limits search results to articles from peer-reviewed journals. Peer-reviewed journals are publications that include only those articles that have been reviewed and/or qualified by a selected panel of acknowledged experts in the field of study covered by the journal.
 - c. **Date Published** – Use this option to search for articles within a specified date range.


The screenshot shows a search results page with a sidebar on the left titled "Refine Results". The sidebar contains several sections: "Current Search" with a phrase "solar energy AND business"; "Limit To" with checkboxes for "Full Text", "References Available", and "Scholarly (Peer Reviewed) Journals"; "Publication Date" with a range from 1955 to 2015; "Source Types" with checkboxes for "All Results", "Magazines (199)", "Academic Journals (191)", "Book Reviews (2)", and "Conference Papers (1)"; and "Subject" and "Publication" sections.

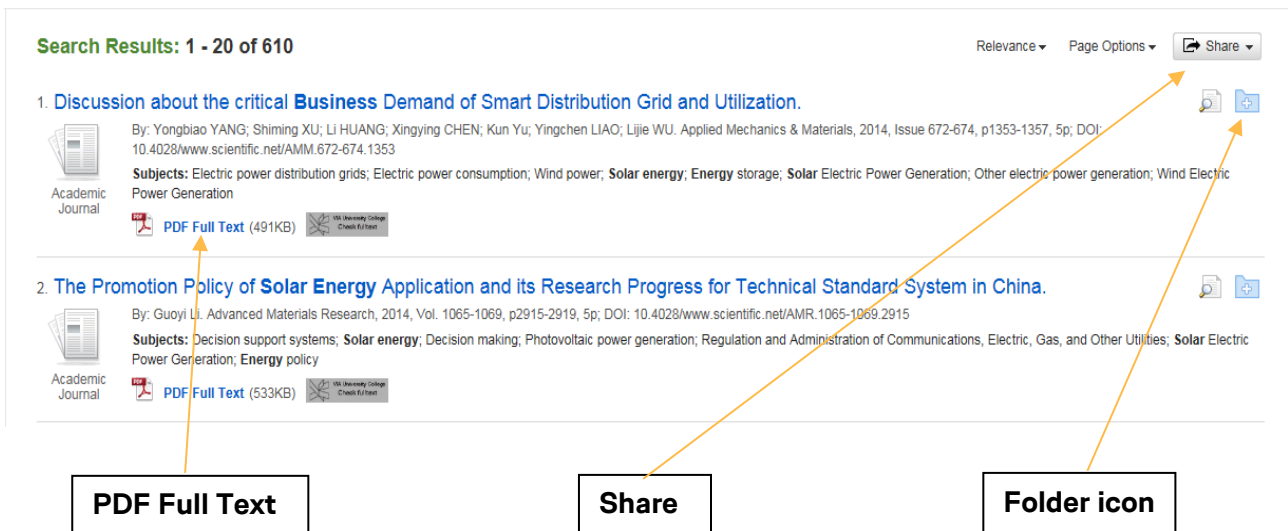
The main content area displays "Search Results: 1 - 20 of 610" and lists five search results. Each result includes a title, authors, journal information, and subject terms. The results are:

1. Discussion about the critical Business Demand of Smart Distribution Grid and Utilization. By: Yongbiao YANG; Shiming XU; Li HUANG; Xingying CHEN; Kun Yu; Yingchen LIANG; Lijie WU. Applied Mechanics & Materials, 2014, Issue 672-674, p1353-1357, 5p; DOI: 10.4028/www.scientific.net/AMM.672-674.1353. Subjects: Electric power distribution grids; Electric power consumption; Wind power; Solar energy; Energy storage; Solar Electric Power Generation; Other electric power generation; Wind Electric Power Generation.
2. The Promotion Policy of Solar Energy Application and its Research Progress for Technical Standard System in China. By: Guoyi Li. Advanced Materials Research, 2014, Vol. 1065-1069, p2915-2919, 5p; DOI: 10.4028/www.scientific.net/AMR.1065-1069.2915. Subjects: Decision support systems; Solar energy; Decision making; Photovoltaic power generation; Regulation and Administration of Communications, Electric, Gas, and Other Utilities; Solar Electric Power Generation; Energy policy.
3. Integration of solar generation into electricity markets: an Australian National Electricity Market case study. By: Gimore, Joel; Vanderwaal, Ben; Rose, Ian; Riesz, Jenny. IET Renewable Power Generation, 2015, Vol. 9 Issue 1, p46-56, 11p, 4 Charts, 11 Graphs; DOI: 10.1049/iet-rpg.2014.0108. Subjects: Solar energy; Photovoltaic power generation; Power resources; Solar Electric Power Generation; Electric industries – Australia; Competition (Economics).
4. A Social Publics' Evaluation for Promotion Priority of Solar Energy Policy in Taiwan Based on Analytical Hierarchy Process. By: Yi-Ti Tung; Tzu-Yi Pai; Ju-Jung Yu; Mao-Shan Lin; Pei-Yu Yang; Li-Hua Shih; Jen-Wei Su. Advanced Materials Research, 2014, Vol. 1008-1009, p3-6, 4p; DOI: 10.4028/www.scientific.net/AMR.1008-1009.3. Subjects: Research & development; Analytic hierarchy process; Energy conservation; Solar energy; Taiwan; Administration of Air and Water Resource and Solid Waste Management Programs; Other provincial and territorial public administration; Solar Electric Power Generation; Carbon cycle (Biogeochemistry); Environmental policy.
5. Evaluating solar energy profitability: A focus on the role of self-consumption. By: Chiaroni, Davide; Chiesa, Vittorio; Colasanti, Lorenzo; Cucchiella, Federica; D'Adamo, Idiano; Frattini, Federico. Energy Conversion & Management, Dec2014, Vol. 88, p317-331, 15p; DOI: 10.1016/j.enconman.2014.08.044. Subjects: Solar energy; Energy consumption; Renewable energy sources; Electricity; Regulation and Administration of Communications, Electric, Gas, and Other Utilities; Solar Electric Power Generation; Profitability; Energy policy.

Refine Results

Results List

1. The articles that were found are displayed in the center of the Result List Screen
2. The **PDF Full Text** link takes you to a PDF version of the full text. The PDF will open in the Adobe Reader.
3. Click the **SHARE** link to view alerting, linking and bookmarking options.
4. To save an article to the Folder, click the **Folder icon**  to the right of the article title



The screenshot shows a search results page with two articles. The first article is titled "Discussion about the critical Business Demand of Smart Distribution Grid and Utilization." and the second is "The Promotion Policy of Solar Energy Application and its Research Progress for Technical Standard System in China." Both articles have a "PDF Full Text" link, a "Share" button, and a "Folder icon" (a folder with a plus sign). Three callout boxes with arrows point to these elements: "PDF Full Text" points to the PDF link of the first article, "Share" points to the Share button of the first article, and "Folder icon" points to the Folder icon of the second article.

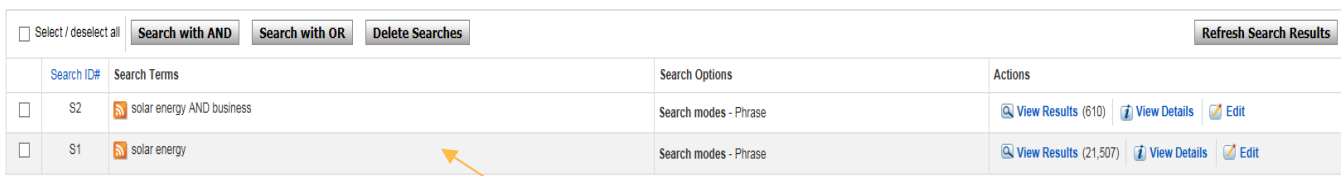
| Search ID# | Search Terms | Search Options | Actions |
|------------|---------------------------|-----------------------|---|
| S2 | solar energy AND business | Search modes - Phrase | View Results (610) View Details Edit |
| S1 | solar energy | Search modes - Phrase | View Results (21,507) View Details Edit |

Search History

1. You can always see your Search History, where there are different options:
 - a. Change Boolean operator
 - b. Save Search/Alerts
 - c. Ect.

Search History/Alerts

[Print Search History](#) | [Retrieve Searches](#) | [Retrieve Alerts](#) | [Save Searches / Alerts](#)



The screenshot shows the Search History/Alerts interface. At the top, there are buttons for "Select / deselect all", "Search with AND", "Search with OR", and "Delete Searches". On the right, there is a "Refresh Search Results" button. Below these are two rows of search history entries. The first row has a checkbox, "S2", "solar energy AND business", "Search modes - Phrase", and actions: "View Results (610)", "View Details", and "Edit". The second row has a checkbox, "S1", "solar energy", "Search modes - Phrase", and actions: "View Results (21,507)", "View Details", and "Edit". An arrow points from a callout box labeled "Search History/Alerts" to the second row.

Search History/Alerts

Personal Account

You can set up a *personal account* that you can use to save search results, persistent links to searches, saved searches, search alerts, journal alerts and web pages to your personal folder.

To set up a personal account:

1. Click the **Sign In** in the top toolbar of the screen.
2. From the Sign In Screen, click the **Create a new Account** link.

The screenshot shows the EBSCOhost 'Sign In to My EBSCOhost' page. At the top, a blue navigation bar contains links for 'New Search', 'Publications', 'Thesaurus', 'Cited References', and 'More', with a 'Sign In' link on the far right. Below the navigation bar is the EBSCO logo and the page title 'Sign In to My EBSCOhost'. A 'Back' link is visible. The main content area includes a 'User Name' input field, a 'Password' input field, a yellow 'Login' button, and a 'Create a new Account' link. A checkbox for 'Load Preferences from My EBSCOhost' is checked. Below these are links for 'Forgot your password?' and 'Forgot your user name and password?'. A light blue box on the right lists benefits of signing in, such as saving preferences and organizing research. Two orange arrows point from the 'Create a new Account' link and the 'Sign In' button to their respective labels in boxes below the page. A third orange arrow points from the 'Sign In' button to the 'Sign In' link in the top navigation bar.