



IEEE Xplore

This guide is for students and employees , that want to have more knowledge on searching the database IEEE Xplore.

About IEEE Xplore

Publisher: Institute of Electrical and Electronics Engineers

Contents: The field of electrical engineering, computer science and electronics. IEEE covers the period from 1872 up to now

Extent: 5 million documents and it contains fulltext

Type: Bibliographic database

Search language: English

Geographical coverage: International

Document types: Journals, conference proceedings, technical standards and ebooks

Truncation: Star (*) can be used as a truncation character

[IEEE Xplore Resources and Help](#)

Access to IEEE

[Access to IEEE Xplore](#) (Remote access: Choose institution: VIA University College. Use your login to MitVIA. Remember to fill in your whole email).

Start your search here

1. Enter search terms in the GLOBAL SEARCH BOX on the home page. IEEE Xplore searches all words and ranks the result by relevance.
2. Use quotes (" ") to search for an exact phrase.
3. Use ADVANCED SEARCH for a more customized search with Boolean operators and other functions.



The screenshot shows the top of the IEEE Xplore search results page. At the top, there is a search bar with the text 'All' and a magnifying glass icon. Below the search bar, there is a section for 'Search within results' with a magnifying glass icon. To the right of this section, there are links for 'Download PDFs', 'Per Page: 25', 'Export', and 'Set Search Alerts'. Below these links, there is a section for 'Showing 1-25 of 1,408 results for "it systems"'. Below this section, there are several checkboxes for filtering results: 'Conferences (1,145)', 'Magazines (114)', 'Journals (100)', 'Books (23)', 'Standards (22)', and 'Early Access Articles (4)'. There are three red circles with numbers 1, 2, and 3 indicating specific features: 1 is on the search bar, 2 is on the 'Search within results' section, and 3 is on the 'ADVANCED SEARCH' link.

How to refine results

1. On the result page, under FILTER THESE RESULTS, use SEARCH WITHIN RESULTS to enter additional search terms.
2. A star (*) can be used to represent any or no characters. For example, harvest* will retrieve harvest, harvesting, harvesters, etc. The TYPE-AHEAD function suggests a list of commonly used search terms. When a term is clicked, a search is executed on the selected term.

The screenshot shows the top of the IEEE Xplore search results page for the search term 'Energy*'. The search bar contains 'Energy*' and has a magnifying glass icon. Below the search bar, there is a section for 'Showing 1-25 of 1,408 results for "it systems"'. Below this section, there are several checkboxes for filtering results: 'Conferences (1,145)', 'Magazines (114)', 'Journals (100)', 'Books (23)', 'Standards (22)', and 'Early Access Articles (4)'. Below these checkboxes, there is a section for 'Publications You May Be Interested In: (Beta)'. This section contains four blue boxes with white text, each representing a publication. The first box is titled 'International Conference & Exhibition on the Applications Of Information Technology To'. The second box is titled 'IEE Colloquium on IT Support for Systems Engineers'. The third box is titled 'IET Seminar on Systems Engineering in Railways 2009: Making It Work for You'. The fourth box is partially visible and titled 'Ad Crit'.




The screenshot shows the bottom of the IEEE Xplore search results page. On the left side, there is a 'Show' section with three radio buttons: 'All Results' (selected), 'Subscribed Content', and 'Open Access Only'. Below this section, there is a 'Year' section with a 'Single Year' button and a 'Range' button. On the right side, there is a 'Select All on Page' checkbox and a 'Sort By: Relevance' dropdown menu. Below these, there is a list of search results. The first result is titled 'Cross-Technology, Cross-Layer Defect Detection in IT Systems -- Challenges and Achievements' by Philippe-Emmanuel Douziech; Bill Curtis. Below the title, there is a link to '2015 IEEE/ACM 1st International Workshop on Complex Faults and Failures in Large Software Systems (COUFFLSS)'. Below the link, there is a line of text: 'Year: 2015 | Conference Paper | Publisher: IEEE'. Below this line, there are four icons: 'Abstract', 'HTML', 'PDF', and 'Full Text'.



Refine with facets

1. The left side of the results page contains facets, such as content type. Facets allow further refinements to the search results.
2. Click REFRESH FILTERS to view refined search results.
3. Within the search result, search terms will be highlighted GREEN.



4. The **Green subscription identifier Icon** allows access to the full-text document.


Search within results  Download PDFs  Per Page: 25  Export


Showing 1-25 of 127 results for "it systems"  Energy* 

☐ Conferences (106) ☐ Journals (9) ☐ Magazines (7) ☐ Books

☐ Early Access Articles (1) ☐ Standards (1)

Show 1

☒ All Results
☐ Subscribed Content 
☐ Open Access Only

Year 


Single Year Range


1996 2017 2023

From To



2017 2023


Apply 2

☐ Select All on Page Sort By: Relevance 



☐ **IT systems** and infrastructures for a CO2-free **energy** supply 3 4 

Juliane Sauerbrey; Oliver Warweg
2020 17th International Conference on the European **Energy** Market (EEM)
Year: 2020 | Conference Paper | Publisher: IEEE

[Abstract](#) [HTML](#)  

☐ **Green Metrics for Energy-aware IT Systems** 

Alexander Kipp; Tao Jiang; Mariagrazia Fugini
2011 International Conference on Complex, Intelligent, and Software Intensive Systems
Year: 2011 | Conference Paper | Publisher: IEEE
Cited by: [Papers \(7\)](#)

[Abstract](#) [HTML](#)  

Editing, sorting and save search results

1. To remove elements from the SEARCH RESULTS display, click "X" next to the item.
2. Use the drop-down menus to change the number of displayed PER PAGE
3. or the SORT BY order (i.e., newest, oldest first etc.)
4. Click SET SEARCH ALERT to save up to 15 searches. You have to create an account in order to use this function.



All

Q

ADVANCED SEARCH

Search within results

Q

Download PDFs | Per Page: 25 | Export | Set Search Alerts | Search History

Showing 1-25 of 127 results for "it systems" × Energy ×

Conferences (106)

Early Access Articles (1)

Journals (9)

Standards (1)

Magazines (7)

Books (3)

Show Related Publications

Show

All Results

Subscribed Content

Open Access Only

Year

Single Year

Range

Select All on Page

IT systems and infrastructures for a CO2-free energy supply

Juliane Sauerbrey; Oliver Warweg

2020 17th International Conference on the European Energy Market (EEM)

Year: 2020 | Conference Paper | Publisher: IEEE

Abstract HTML PDF CC

Green Metrics for Energy-aware IT Systems

Sort By: Relevance

IEEE

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IEEE

Need further help? Contact: Cecilie Sørine Redsted Edvardsen, cedv@via.dk

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