

Scitation.org

User Guide

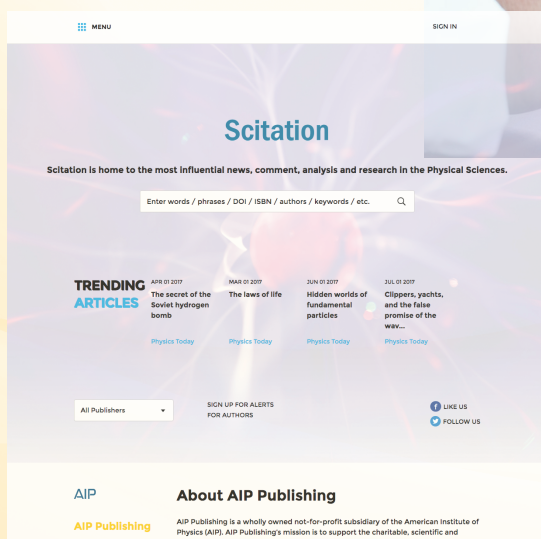


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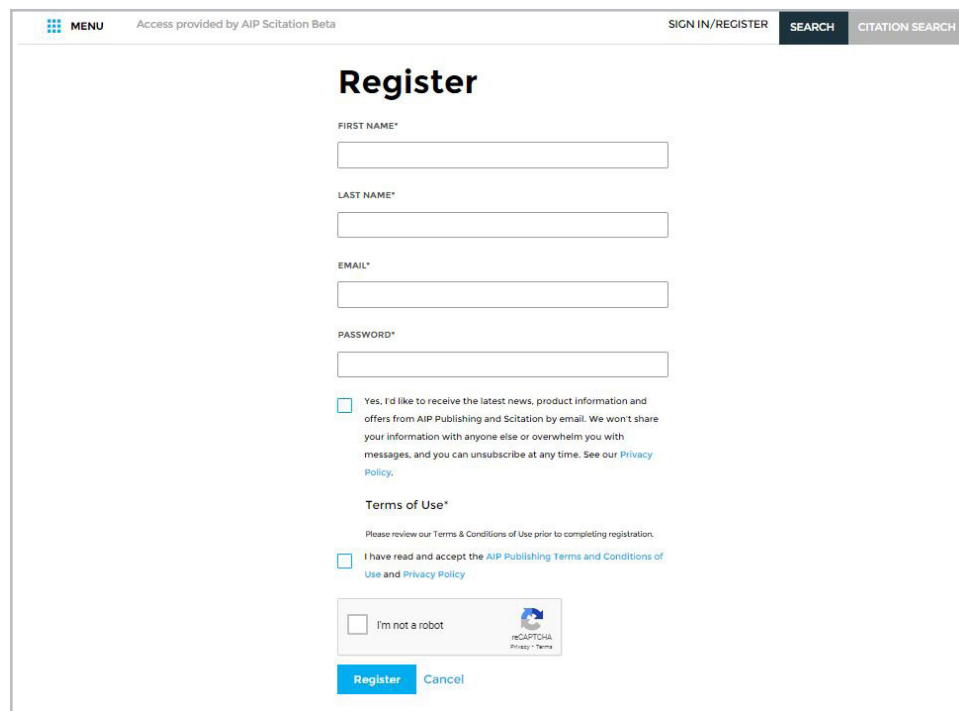
The Scitation.org Platform

The Scitation.org platform brings all users and administrators optimized service and a streamlined, modern reading experience.

Features:

- Simplified page layout for easy article readability
- Optimized display across mobile devices and browsers
- Fast navigation and search functionality
- Figure viewer to explore visual content
- Links to all supplemental materials, including free access
- Numerous collaboration tools to simplify sharing with colleagues and across social networks
- Library admin access site for efficient account management

To ensure a personalized experience on Scitation.org, take a moment to create a profile by visiting: <https://www.scitation.org/action/registration>



The screenshot shows the 'Register' page on the Scitation.org platform. The page has a clean, modern design with a white background and blue accents. At the top, there is a navigation bar with a 'MENU' icon, the text 'Access provided by AIP Scitation Beta', and links for 'SIGN IN/REGISTER', 'SEARCH', and 'CITATION SEARCH'. The main heading is 'Register'. Below this, there are four input fields for 'FIRST NAME*', 'LAST NAME*', 'EMAIL*', and 'PASSWORD*'. Under the password field, there is a checkbox for 'Yes, I'd like to receive the latest news, product information and offers from AIP Publishing and Scitation by email. We won't share your information with anyone else or overwhelm you with messages, and you can unsubscribe at any time. See our [Privacy Policy](#).' Below this is a section for 'Terms of Use*' with a checkbox for 'I have read and accept the [AIP Publishing Terms and Conditions of Use](#) and [Privacy Policy](#)'. At the bottom, there is a checkbox for 'I'm not a robot' next to a reCAPTCHA logo. The page concludes with 'Register' and 'Cancel' buttons.

Scitation.org Homepage

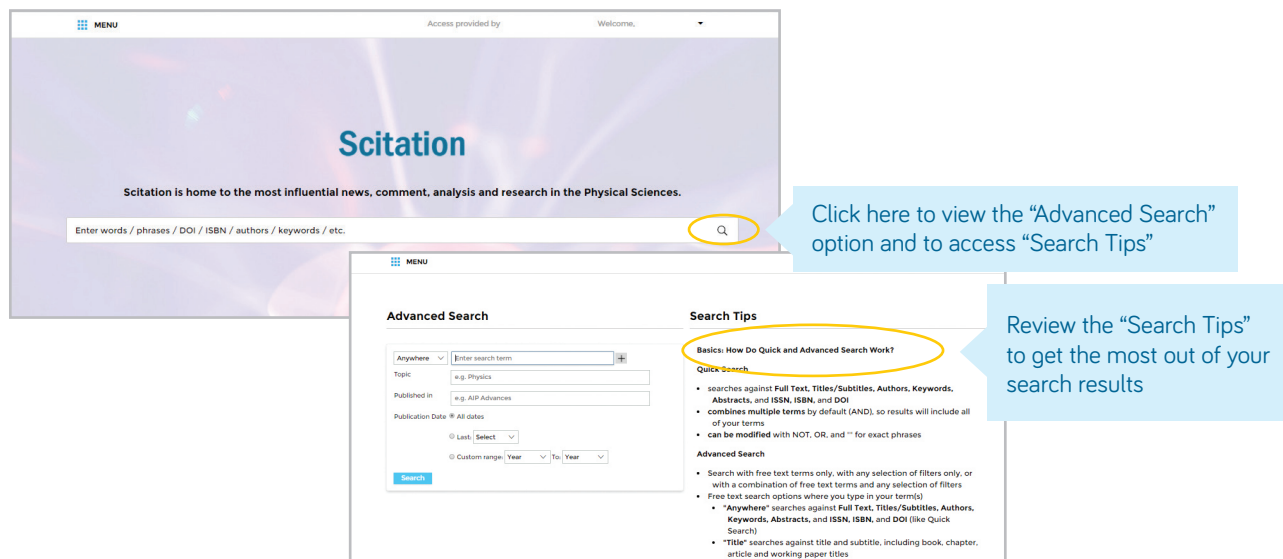
To learn more about AIP Publishing and our portfolio, log in to your account profile to run basic and advanced searches, view trending articles, access individual publications, and view the latest physics employment opportunities.

The image shows a screenshot of the Scitation.org homepage with several callout boxes highlighting key features:

- Search the Scitation.org platform by keyword, phrase, DOI, ISBN, author name, etc.** (points to the search bar)
- Personalized for institutional customers when accessing content via IP range** (points to the 'Access provided by' text)
- Indicates you're logged in to your account** (points to the 'Welcome,' text)
- To perform an advanced search, click the magnifying glass. and the "advanced search" box will appear (see page 4).** (points to the magnifying glass icon)
- Note: the "search tips" that appear in the right column are very useful when you're seeking to obtain tailored search results** (points to the right column of the search bar)
- Read the latest articles from across the platform** (points to the 'TRENDING ARTICLES' section)
- Sign up for Alerts – register for journal alerts to be delivered right to your inbox** (points to the 'SIGN UP FOR ALERTS' button)
- For Authors – access Featured Resources for Researchers for information on manuscript submission, publishing, available services, and more.** (points to the 'FOR AUTHORS' button)

The homepage itself features a header with a 'MENU' button and 'Access provided by' and 'Welcome,' text. The main content area includes a search bar with a magnifying glass icon, a 'TRENDING ARTICLES' section with four article previews, and a 'SIGN UP FOR ALERTS' button. The footer contains an 'AIP' logo, 'About AIP Publishing' text, and a 'Popular Articles' section.

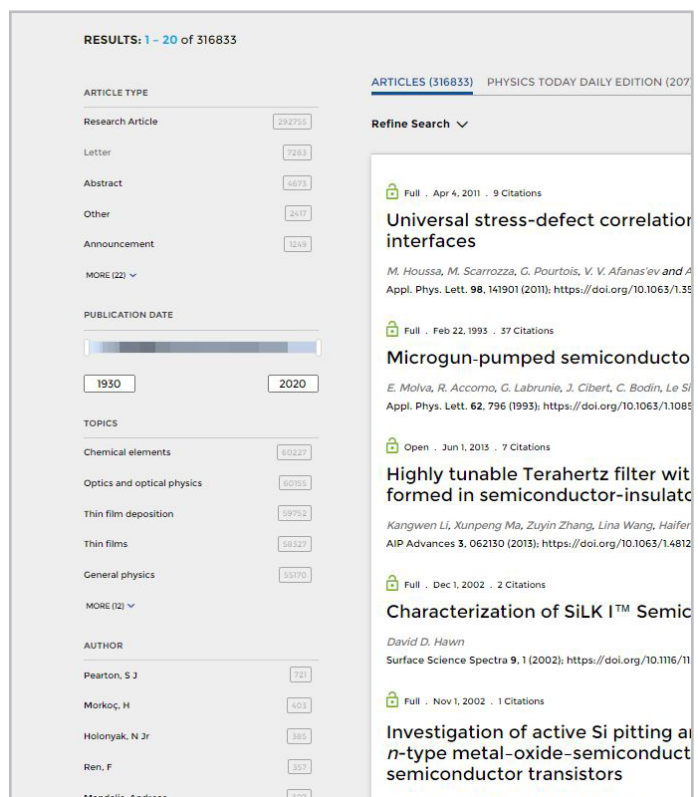
Advanced Search Tool



Search Results

When search results appear, you can:

- Filter by article type, publication date, topic, author name, or publication
- Sort by relevance or publication date



Navigating a Journal's Homepage

Take a moment to explore a journal's homepage below.

From the navigation bar you can access:

- **"Home"** - navigate to the homepage by clicking here
- **"Browse"** - view Table of Contents
- **"Info"** - Overview, Editorial Board, News
- **"For Authors"** - Author resources on preparing a manuscript and submitting an article
- **"Collections"** - Editor Picks, Featured Articles, Perspectives, Scilights, and Special Topics submitting an article

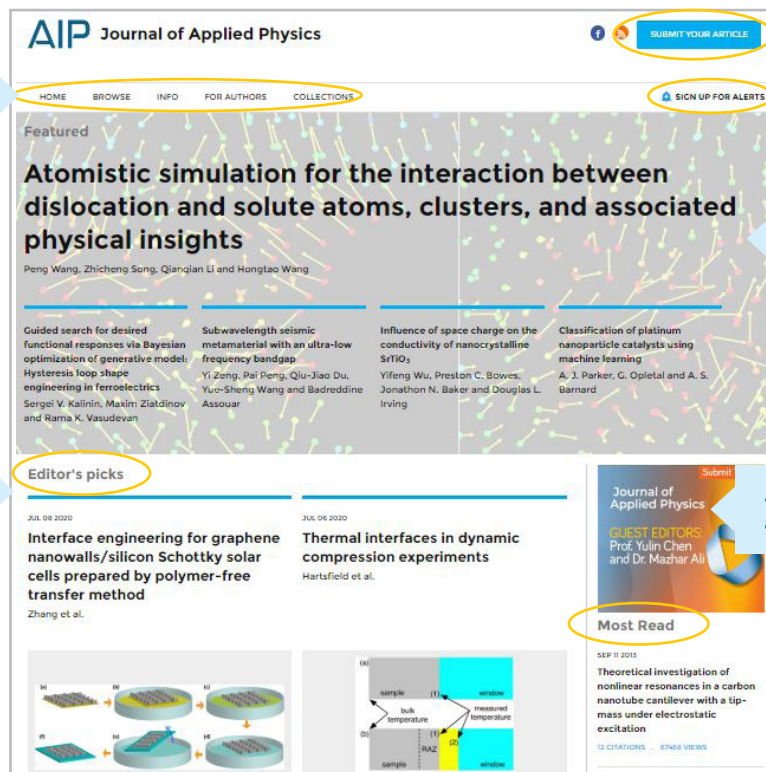
Submit your article

Sign up for journal alerts

View the featured article from the latest issue

View the Editor's latest article picks

Access "most read" articles



Article Search by Citation from Journal Homepage

From the top of the journal homepage, you can search by citation. For the most accurate results, fill in the journal name, volume and page number.

MENU Access provided by AIP Scitation Beta SIGN IN/REGISTER SEARCH CITATION SEARCH

CITATION SEARCH ADVANCED SEARCH

Journal of Applied Physics Volume Page Q

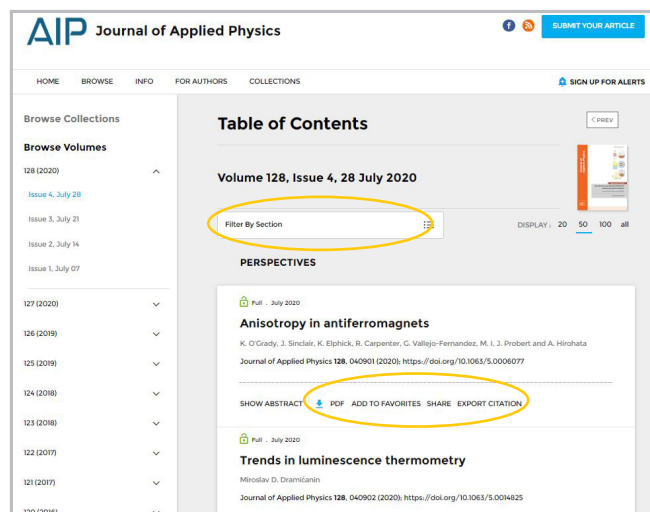
This option allows users to search by Publication, Volume and Page

Browse: Viewing the Table of Contents

After clicking on “Browse” you are brought to the current issue’s Table of Content (TOC) as well as links to previous issues. Here you are able to view, download, “add to favorites,” “share” or “export citation” the article of your choice.

You are able to “filter by Section” on each Table of Content. This filter populates the sections and sub-sections within each TOC.

(Note: After filtering, if you move to another issue, the section filtering will be reset.)

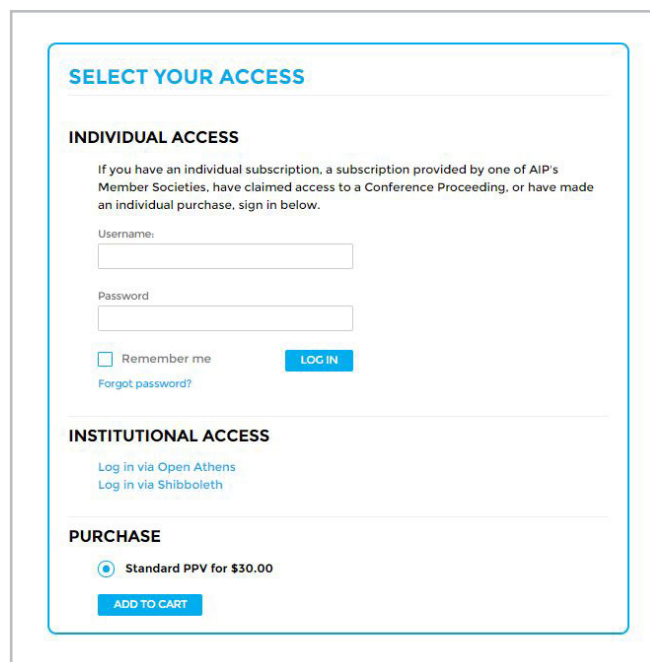


Accessing an Article

Institutional customers access content via registered IP ranges. If you try to view content from an unauthorized IP address, you will be asked to select your method of access as shown here.

If you do not have access through your institution, you have the option to log in as an individual subscriber, purchase standard PPV for \$30, or view the article via Open Athens or Shibboleth.

Alternatively, you can always “recommend an article” to your librarian by clicking on “Share” -> “Recommended to Librarians”



Viewing an Article




Users accessing articles through their institution (IP authenticated) have the ability to do so without creating a profile. However to benefit from all tools available we encourage users to create a profile. From an article, users can:

- Save searches
- Sign up for RSS feeds
- Download an article as a PDF
- Sign up for journal alerts
- View author affiliations
- View and download article citations
- Add to your “favorites”
- “Share” the article with peers
- View article metrics
- Access related articles

Most articles are accessible as HTML or PDF. If only one format is available, the navigation bar will be updated to reflect the version offered. If available, supplemental information will be noted in the navigation bar in line with “cited by”.

Article Icons

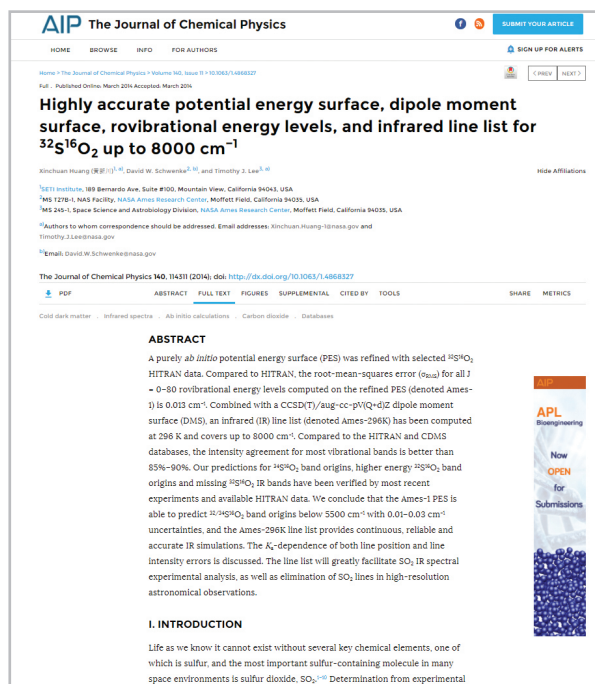
Take notice of the newly added blue circle icons next to certain article titles which indicate if it is a:

- Featured Article 
- Editor's Pick 
- Scilight 

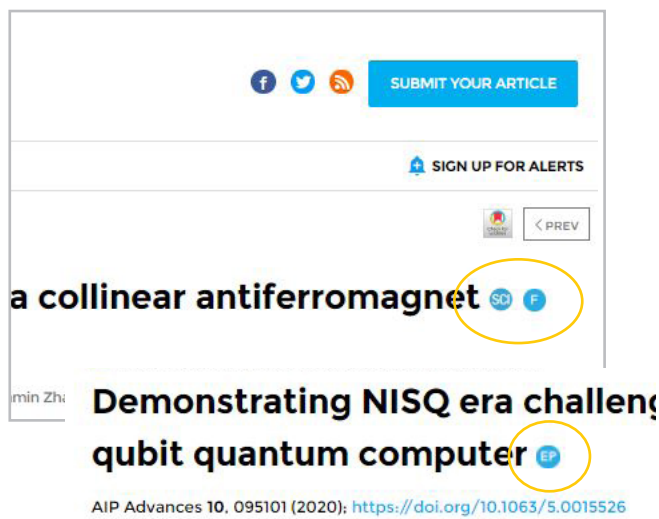
A Scilight, a science highlight, is a professional summary of significant developments in a particular field of research. The articles that are chosen for Scilight are recommended by the research-active editors of AIP Publishing's journals.

Article Figures

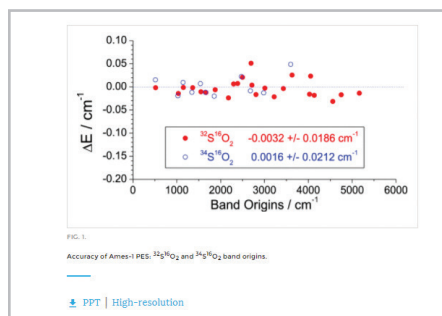
Designed to allow you to explore the graphs, charts and images included in each article. Figures are downloaded directly to a PowerPoint presentation and includes citation data.



The screenshot shows the AIP article page for the paper "Highly accurate potential energy surface, dipole moment surface, rovibrational energy levels, and infrared line list for $^{32}\text{S}^{16}\text{O}_2$ up to 8000 cm^{-1} ". The authors listed are Xinchuan Huang, David W. Schwenke, and Timothy J. Lee. The abstract describes the refinement of the potential energy surface (PES) and the resulting infrared line list. The article is available in PDF format.



The screenshot shows two article titles from AIP Advances. The first title is "a collinear antiferromagnet" with a blue circle icon next to it. The second title is "Demonstrating NISQ era challenge qubit quantum computer" with a blue circle icon next to it. The article is by Min Zhi and is available in PDF format.



Article Citations & Tools

When available, article citations can be viewed (click “cited by”) and downloaded (click “tools” and then “download citation”).

When viewing the available “tools”, users can add the current article to their “favorites” and view details about “reprints and permissions.”

The screenshot shows the AIP article page for the paper: "Highly accurate potential energy surface, dipole moment surface, rovibrational energy levels, and infrared line list for $^{32}\text{S}^{16}\text{O}_2$ up to 8000 cm^{-1} ". The 'CITED BY' section lists three references. The 'TOOLS' menu is highlighted with a yellow circle, showing options: 'Download Citation', 'Add To Favorites', and 'Reprints And Permissions'.

Article Metrics

As articles receive “views” and “citations” they will be calculated and updated daily under “article metrics”.

(Note: article metrics on Scitation.org are cumulative since 12/13/2016)

The screenshot shows the 'Article Metrics' section for the same article. It displays two circular gauges: 'Views' with a value of 43 and 'Citations' with a value of 15. The 'Metrics' tab is highlighted with a yellow circle.

Related Articles

When reaching the bottom of an HTML article, a list of “related articles” will appear at the top of the screen in the rolling navigation bar.

The screenshot shows the 'RELATED ARTICLES' section at the bottom of the article page. It lists five related articles with their titles and authors.

Sharing an Article

Click on the share button to share an article via email, social media or to recommend an article to your librarian.

The screenshot shows the 'SHARE' button highlighted with a yellow circle. The 'ABSTRACT' section is also visible, starting with: "We have designed, constructed, and utilized a charge-coupled device system, with a small Newtonian telescope, capable of long distance recording of bacterial fluorescence and synchronous spectra for the detection of bacteria, their components, and other species. This newly developed optical system utilizes common monochrome cameras that we have used to detect various bacterial strains such as *Escherichia coli*, and determine their concentrations. In addition, using this system, we are able to differentiate between live and dead bacteria after treatment with ultraviolet antibiotics."



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