

# AIP | Scitation User Guide

## Welcome to AIP Publishing's new platform!

Developed to provide an enhanced user experience, new **Scitation** offers a more efficient way to search and retrieve physics literature.

## About Scitation

Scitation is home to a vast body of physics literature. Since 1996, Scitation has provided researchers, students and educators with access to the latest information to support research and the study of physics and related disciplines. Scitation hosts nearly one million articles published by AIP Publishing and AIP Member Societies in fields such as physics, chemistry, geosciences, engineering, acoustics, and includes journals, proceedings, standards and magazines.

## What's new?

### New Scitation includes:

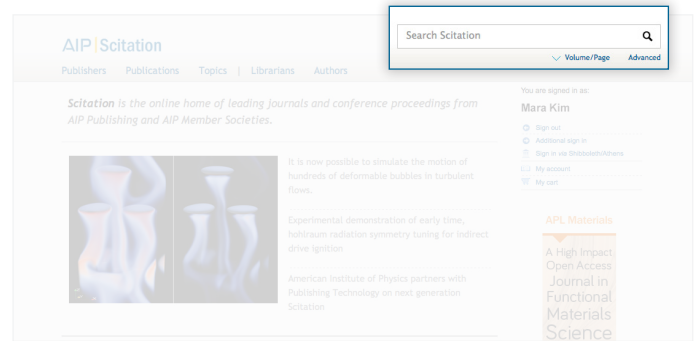
- New AIP Thesaurus with over 7,500+ terms to improve discoverability
- Author and institution disambiguation to help identify potential collaborators
- Improved article layout to help determine article relevance
- Article level metrics to measure the impact of research
- Enhanced personalization features including article level citation alerts, topic and TOC alerts to stay at the cutting edge of physical sciences



# Simple but powerful search and browsing capabilities

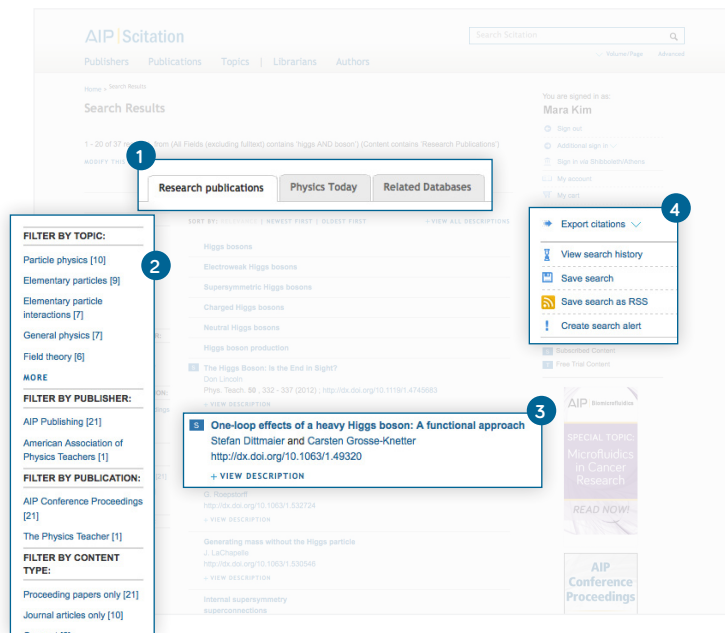
Search for content directly from the homepage:

1. Quick keyword searching across all content.
2. Volume/Page searching to retrieve a specific article.
3. Advanced searching to create more complex searches, using parameters such as author, ISSN/ISBN, DOI, publisher, publication or date range.



Within the search results page, you can:

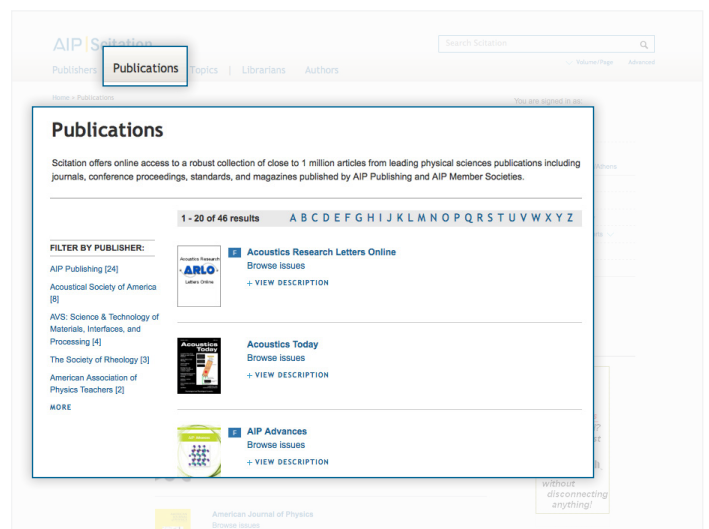
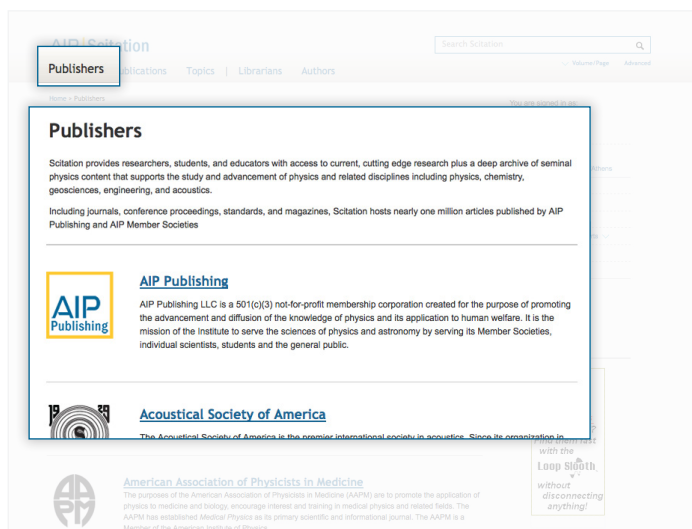
1. View your search results within Publications, *Physics Today* (AIP's own magazine), or Related Databases (ArXiv and Pubmed).
2. Refine your search results by Topic, Publisher, Publication, Content Type or Author.



3. Read the abstract by clicking on the "View Description" link or the full text by clicking on the article title.
4. Export citations, save your search or create a search alert. Choose from several alerting options, such as Search, Topic or Citation Alerts.

You can also browse content by:

1. Clicking on the "Publisher" tab to view content from a specific publisher.
2. Clicking on the "Publications" tab to view a complete list of titles and browse through the Table of Contents of your favorite journals.



# Improved Article layout and browsing options

1. Click on an author's name to locate other articles written by that author on the Scitation, Google Scholar or Pubmed platform.
2. Convenient, tabular layout lets you move seamlessly between the article abstract, full text, images and article references.
  - use the "Related" tab to display further content related to your search query.
  - use the "Cited By" tab to assess the influence of the article's research.
3. AIP's new thesaurus tagging lists the most relevant topics associated with the article. Click on any topic to launch a new search for other articles on that topic.

4. Scan images, charts, tables and media included in the article. Graphics can be downloaded in high resolution or exported to PowerPoint™ for easy integration with your work.

5. In-line searching allows you to efficiently search for related topics within that publication. Highlight a topic or phrase to find the top related articles.

# NEW! AIP Thesaurus

- facilitates precise retrieval

The new AIP Thesaurus assigns subjects to every piece of published content on the Scitation platform making it easy for users to find the literature they need. Simply click on the topic of choice and drill down through the hierarchy using the + / - buttons to expand and collapse each list to quickly search for relevant content.

Improve discoverability by searching the new AIP Thesaurus that contains more than 7,500 terms.

1. To find the most relevant articles for your research topic, click on the Topics menu to open the thesaurus.
2. Expand the subject hierarchy to find narrower topics. e.g. Anatomy - Bioacoustics - etc.
3. Click on "Go to Topic" to find articles published on that topic. You can also create topic alerts to stay informed of the latest research.

The screenshot displays the AIP Scitation website interface. At the top, the navigation bar includes 'Publishers', 'Publications', 'Topics' (highlighted with a red box and a '1' callout), 'Librarians', and 'Authors'. A search bar is located on the right. Below the navigation, the 'Topics' section is active, showing a list of subjects with expand/collapse icons. A red box with a '2' callout highlights this list. To the right, a 'Go to Topic' sidebar is visible, with a red box and a '3' callout highlighting the 'Go to Topic' button. The sidebar also contains a search bar and a list of topics. On the right side of the page, there is a user profile for 'Mara Kim' with options like 'Sign out', 'My account', and 'My cart'. Below this, there is an 'Access Key' section with icons for 'Free Content', 'Open Access Content', 'Subscribed Content', and 'Free Trial Content'. At the bottom right, there is a promotional banner for 'Find Your Future in the Physical Sciences & Engineering' and 'Most Cited Research'.

# NEW! Personalization features

## - to set up TOC and Topic Alerts

Scitation's new personalization features makes managing your personal account quick and easy. In one location you can update your personal details, change favorites settings, keep track of your search history, view purchased content and set up alerts to stay up to date with the latest information for your field.

**Register for an Account**

**PERSONAL DETAILS**

Name \*

Email address \*

Confirm Email address \*

Country \*

Zip/postcode

**LOGIN DETAILS**

Your user name and password must have a minimum of 5 characters.

User Name \*

Password \*

Password Strength Indicator:  Please use a combination of letters, numbers and special characters

Retype Password \*

I agree to the terms of use \*

**REGISTER**

### Create a new profile with three easy steps.

1. Click "Register" in the right hand menu.
2. Complete the registration form (NB: remember to check the box "I agree to the terms of use").
3. Click the "Register" button.

**My Account**

From here, you can set up email alerts, save your searches, view your orders and update your personal details. You can get back to this page at any time by clicking on 'My Account' in the right hand column.

**Mara Kim**

- Sign out
- Additional sign in
- Sign in via Shibboleth/Athens
- My account
- My cart

**Searches & alerts**

**Alerts**

- Manage alerts format
- Manage Citation alerts
- Manage Correction alerts
- TOC alerts View Add
- Topic alerts View
- Physics Today alerts

**Searches**

- Search History
- Saved searches
- View search alerts

### Stay current with the latest research in your field with TOC Alerts

1. Once you have created your profile you can set up your TOC Alerts. Click "Add" to open the journals list. Select your favorite journals by checking the Subscribe box. Click "Add" to create your TOC alert.

**TOC Alerts**

Current Add

To add new TOC Alerts choose from the list below. To remove or update subscribed alerts click the 'Current' tab. Add

# A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

1 - 20 of 36 results

2 | NEXT >

Content	Content Type	Subscribe
AIP Advances	Journal	<input type="checkbox"/>
AIP Conference Proceedings	Conference Proceedings	<input type="checkbox"/>
APL Materials	Journal	<input type="checkbox"/>
APL: Organic Electronics and Photonics	Spotlight Journal	<input type="checkbox"/>
Acoustics Today	Journal	<input type="checkbox"/>
American Journal of Physics	Journal	<input type="checkbox"/>

**Subscribe**

**Subscribe**

**Subscribed**

**Subscribed**

2. Select your favorite journals by checking the Subscribe boxes. Click on "Add".

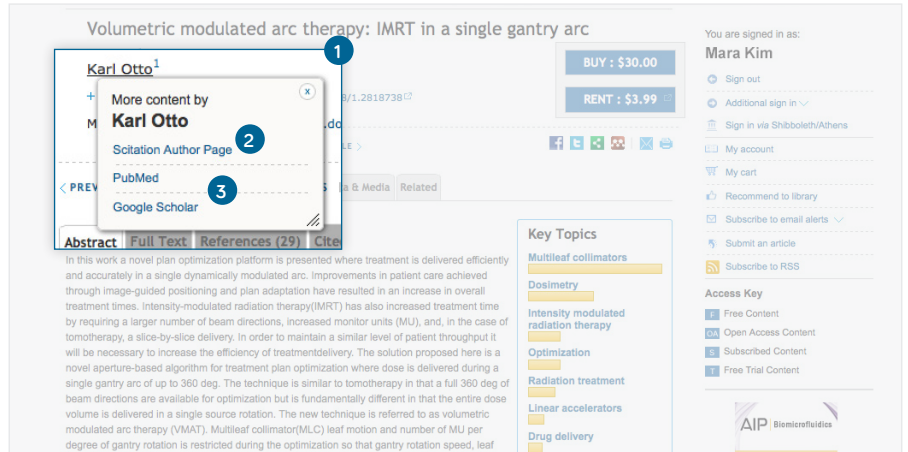
# NEW! Author and Institution Disambiguation

- accurately identify papers published by an author or institution

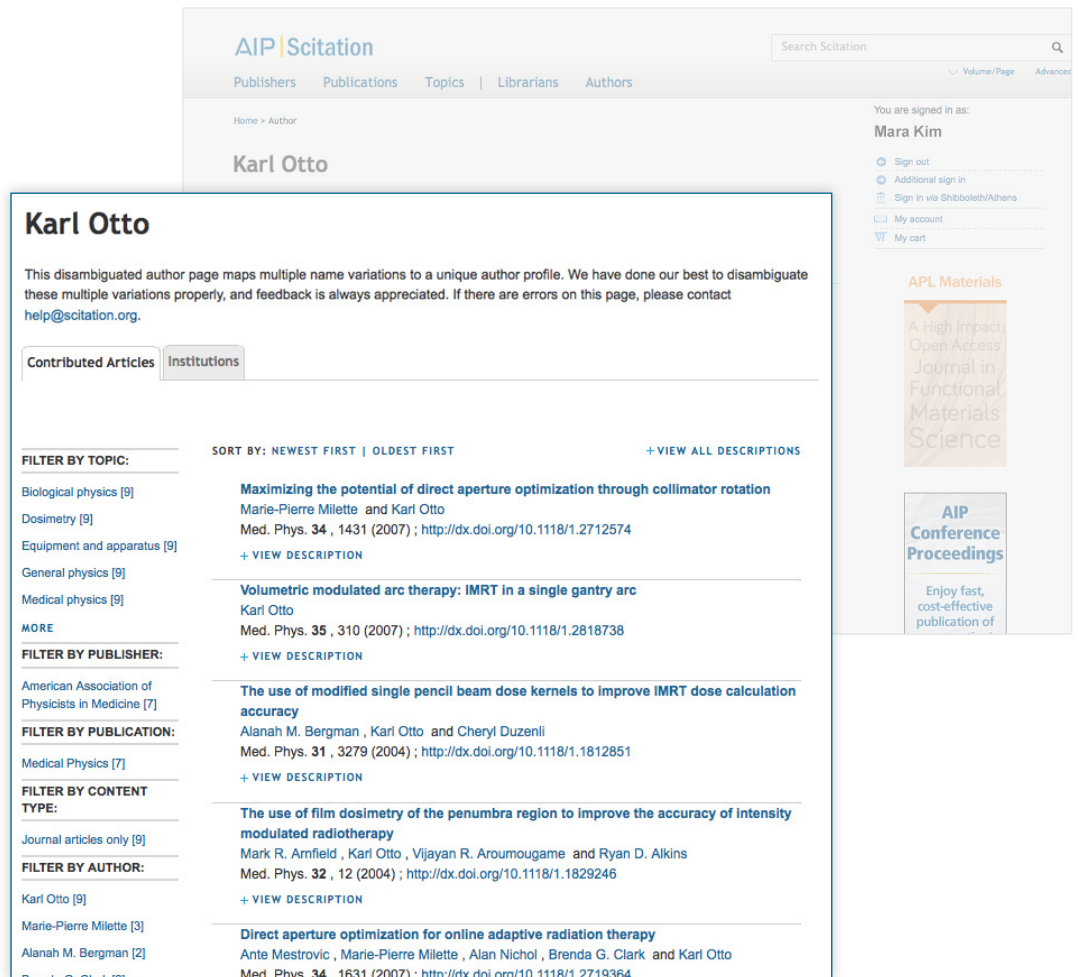
The new author and institution disambiguation feature is the result of a project that mapped multiple name variations for more than 850,000 authors and 23,000 institutions. Now each one has been assigned a unique identifier, making it easy to locate an author's or institution's publications.

## Easily identify an author's or institution's publications within Scitation.

1. To find papers published by an author, click on the author's name.
2. Click on Scitation author page to view all papers published by that author. The new author disambiguation feature maps all name variations of an author to a single author page.
3. Click on Google Scholar or Pubmed to find additional papers published by this author.



## Scitation author page.



Article-level metrics provide a measure of an article's influence over time as the usage accrues.

Now available for all journals, this COUNTER 3-compliant tool measures abstract and full-text article views and offers a graphical snapshot of cumulative usage of both.

**The improvement of the field emission properties from graphene films: Ti transition layer and annealing process**

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+ VIEW AFFILIATIONS

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Abstract | Full Text | References (39) | Cited By (8) | Data & Media | **Metrics**

Chemical-reduced graphene oxide (rGO) films were deposited on titanium (Ti)-coated silicon substrates by a simple electrophoretic deposition. The rGO films were annealed under argon atmosphere at different temperatures. The morphology and microstructure of the rGO films before and after annealing were characterized using scanning electron microscopy (SEM) and Raman spectroscopy. The field emission behaviors from these rGO film results show that, Ti-based transition layer can improve the stability of the field emission, and the annealing at appropriate temperature is in favor of the field emission. In addition, it is found that the field emission property of the rGO film displays an unexpected vacuum breakdown phenomenon at large anode-sample distance and the film exhibits lower turn on field at large anode-sample distance.

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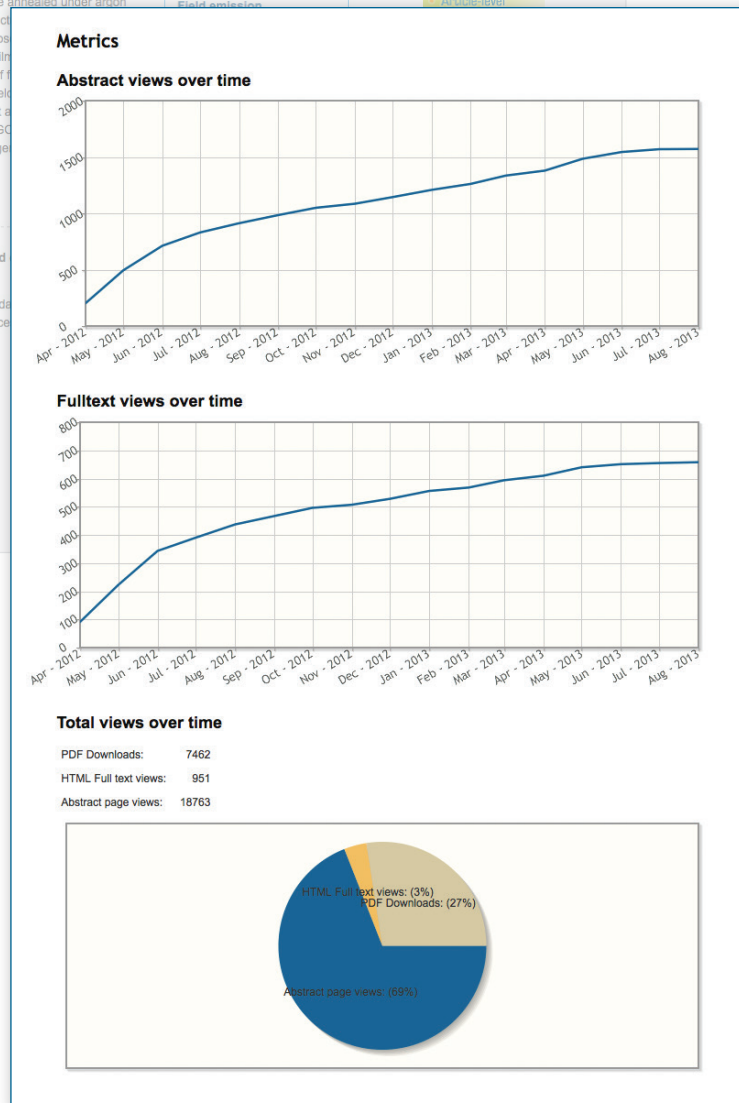
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**Article outline:**  
I. INTRODUCTION  
II. EXPERIMENTAL DETAILS  
III. RESULTS AND DISCUSSION  
IV. CONCLUSION

Key Topics  
Field emission

New Indexed in Thomson Reuters Databases  
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Rapid publication  
Article-level

1. Click here to view Abstract and Full Text Views.





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**1.516.576.2664 (other locations)**  
*Weekdays 08:00-23:00 (EST/EDT)*