

# Tracking Publications at the Advanced Photon Source

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User Services Workshop  
Three-Way Meeting  
Advanced Photon Source  
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# The APS Publications Database

- “The [ORACLE] APS Publications Database is a searchable compendium of information on results from research at the APS. It is the official source for listing APS-related publications, dissertations, abstracts, awards, and invited talks in order to produce a comprehensive record about research at the APS.”

The screenshot shows the website for the APS Publications Database. At the top, there is a navigation bar with the Argonne National Laboratory logo on the left, the text "Advanced Photon Source" and "an Office of Science User Facility" in the center, and the U.S. Department of Energy logo on the right. Below the navigation bar is a search bar labeled "Search APS". The main content area is divided into several sections. On the left, there is a sidebar with a "Science & Education" menu containing links to Science Highlights, Conferences, Seminars & Meetings, Publications, Annual Reports, APS Upgrade, Courses and Schools, Graduate Programs, and Scientific Software. Below this is a "Subscribe to APS Recent Publications" button. The main content area features a heading "APS Publications" and a sub-heading "Publications Database". The text describes the database as a searchable compendium of information on results from research at the APS. Below this text is a list of links: "Reporting Publications to the APS: Policy", "View recent publications", "Search the database" (with a sub-link "Number of publications by beamline"), "Enter a publication into the database" (with sub-links "Methods to enter a publication into the database" and "Acknowledgement statement for publications"), and "Publishers Reprint/Copyright Transfer Permissions Information". At the bottom of the main content area, there are two paragraphs of text providing contact information for questions about the database and for submitting new publications. On the right side of the page, there is a vertical sidebar with links to "Technical Publication", "Activity Reports", "Conference and Workshop Reports", "Light Source Notes", "Technical Bulletins", and "Technical Updates".

# The Keeper of the APS Publications Database

- Jessie Skwarek is responsible for the APS Publications Database
- Photo: Pacesetter Award for compiling and entering Impact Factors for all journal titles in the database
- Exemplifies the level of service Jessie provides to APS users and staff



# The Entry (Admin.) Page

Administrator Mode

## Publication Entry

[View Journal Titles](#) (If your Journal Title is not on this list, please send notification to [pub\\_data@aps.anl.gov](mailto:pub_data@aps.anl.gov))

[Main Menu](#)

[View How-to Document](#)

\* 1. Type of Entry. You **MUST** choose a publication entry type (button below) in order to save a record.

Journal Article  
Conference Paper ONLY  
Conference Paper in Journal ONLY  
Entire Conference Proceedings  
Technical Report  
Book  
Book Chapter  
Dissertation  
Abstract  
Award  
Invited Talk  
Published Patents  
Magazine Article  
Newsletters

\* 2. Title of entry:

3. Build Author String (NOT EDITORS)

Enter author names as a comma delimited string JUST LIKE THIS (i.e., J. Smith, T.-K. Jones, P.E. Cunningham) and then click on the "Build Author(s)" button:

Build Author(s)

4. You can select more than one item in the boxes below. Do the following: Unix: Keep Clicking, PC: Hold the Ctrl button down and click the items, Mac: Hold the Command (apple) button down and click the items. If you do not find an appropriate category in these menus continue with your record entry, then send an inquiry or suggestion for a new category to [pub\\_data@aps.anl.gov](mailto:pub_data@aps.anl.gov).

Sectors involved in work	Beamline	Station
01:XSD 1 02:XSD 2 03:XSD 3 04:XSD 4	01-BM 01-ID 02-BM 02-ID	01-BM-B,C 01-ID-B,C,E 02-BM-A,B 02-ID-B
Select the beamline(s), if any, on which GU time was used for this paper.	Instrument	
01-BM 01-ID 02-BM 02-ID	1-BM-C1 Powder diffraction 1-BM-C2 Reflectometry 1-ID-B 3D-XRD imaging 1-ID-C1 3D-XRD Microscopy	
* Topic	Funding Source	
ACCELERATOR PHYSICS AMO PHYSICS & CHEMISTRY AFS UPGRADE PROJECT ARCHAEOLOGY/PALEONTOLOGY	AFR AHA DARPA DHS -- DEPARTMENT OF HOMELAND SECURITY	

\* 5. Complete E-mail (\*\*\*@\*\*\*,\*\*\*) of person submitting entry:

\* 6. N=Paper NOT associated with work done at the APS:

Digital Object Identifier:   
PMID:   
PMCID:   
General User Proposal No.:  [Add More GUPID](#)  
Partner User Proposal No.:  [Add More PUPID](#)  
TSD #:   
Electronic file:   
Web URL:   
Grant No:   
Comments:

- Users can enter records if they want to

7.

# The Search Page

- Many options!

## Search Criteria

[Main Menu](#)

### SEARCH OPTIONS

1. A SEARCH YIELDS A LIST OF CITATIONS FOR EACH PAPER.
2. OR, CLICK THE CHECK BOX BELOW FOR A LIST OF AIP FORMAT. Each record in this list can be accessed to show complete information for that record. USE BROWSER FUNCTIONS TO COPY AND PASTE, OR PRINT SEARCH RESULTS.

- CHECK HERE FOR TITLES AND COMPLETE RECORD INFORMATION
- CHECK HERE TO INCLUDE x-ray science papers not associated with work done at the APS
- CHECK HERE FOR ONLY x-ray science papers not associated with work done at the APS
- Check to INCLUDE Abstracts, Awards, Talks, Patents, and Magazine Articles (To select from this list, see "Type of Publications")

### Search by:

Status: PUBLISHED ▼

Title or keywords in title:

Search on 1 or more words in a title, as long as multiple words are contiguous.

Author name (last):

Author name (first):

Author(s) Institution:

[User](#) / [Res. Inst.](#) / [Company](#)

Author(s) state:

Author(s) ANL division:

Type of publication:

Type of technical report:

Dissertation degree:

Journal title (A - J):

(J - M):

(N - Z):

Topic:

Funding source:

Sectors involved in work:

(For 17-BM-XSD search by beamline)

Beamline:

Beamline(s), if any, on which GU time was used:

Station:

Instrument:

Publication Month:

Year:

Publication Month:

Year:

To Publication Month:

Year:

(Must be entered as earliest to latest)

Publication year from:

To

Year:

(Must be entered as earliest to latest)

Digital Object Identifier:

PMID:

PMCID:

General User Proposal No.:

Partner User Proposal No.:

Grant No.:

E-mail of person submitting entry:

- CHECK HERE TO INCLUDE PMID & PMCID FOR DISPLAY

Default order is First Author>Last Name then Publication Date

Default

Sort By:

Title

Type of Publication

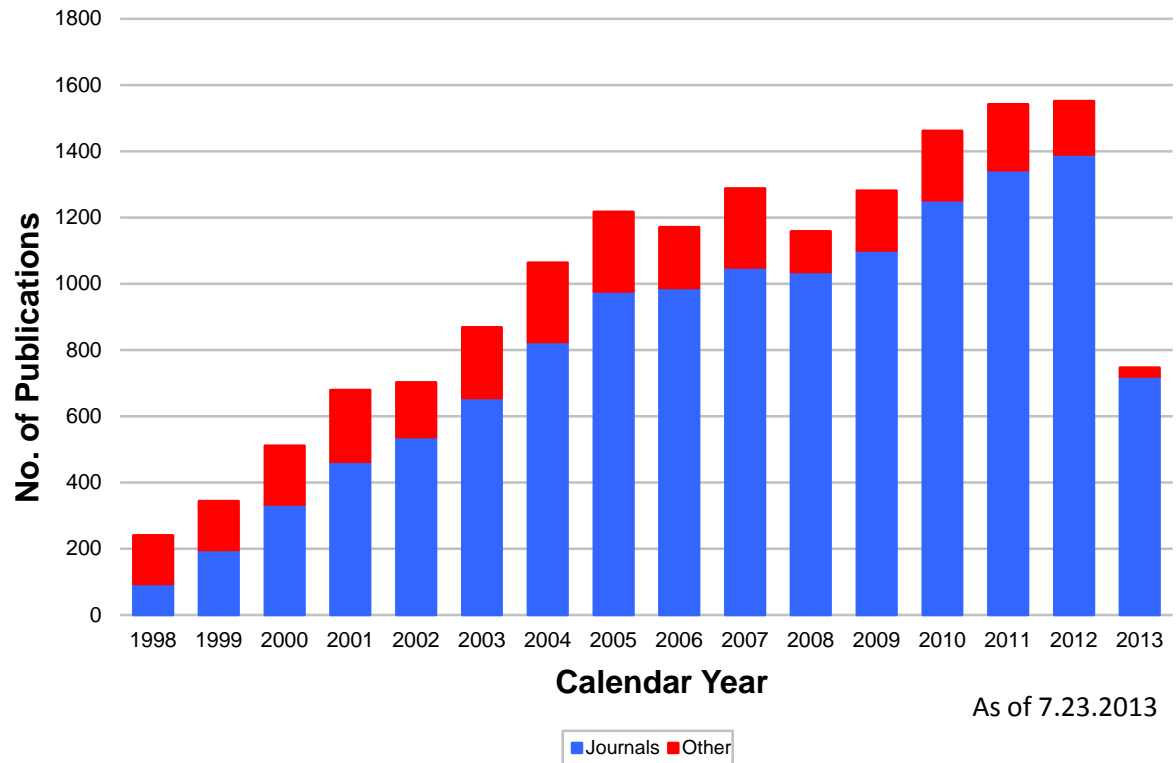
Publication Status

Publication Year

Journal Title

# Publications to Date

- Two categories in the db
  - Publications: Journal articles, conf. proceedings & conf. papers, dissertations, books, book chapters, technical reports
  - Other: Abstracts, awards, invited talks, patents, magazine articles, newsletters
- 16,974 Publications as of 7.23.2013
- 22,770 Publications + Other as of 7.23.2013



# Search Strategies

- Automated searches (courtesy of Mary Straka, Argonne Library)
  - ISI Thompson Reuters
    - 5 weekly alerts from Web of Knowledge
      - Web of Science w/ Conference Proceedings
      - Web of Science based on CAT, XOR, XSD
      - Web of Science based on SBC
      - Medline
      - INSPEC
  - Engineering Village
  - Publisher Web sites (incl. Highwire, Nature, Scirus, ACS)
- Biosync
  - Manual search by year/beamline
- Sector pubs lists
- Argonne pubs database
- Google Scholar
- **NOTE:** Authors are getting better at crediting beamlines/APS
  - Sectors emphasize acknowledgment



# Non-Search Input

- Some sectors send us papers (a great help, obviously)
- **APS Beamline Scheduling Publication Reminder**
  - Please send information regarding publications and student dissertations that resulted from the proposal listed below to [apspubs@aps.anl.gov](mailto:apspubs@aps.anl.gov) and copy (note: put your email address here).
  - Please include the citation, the Sector(s)/CAT(s) beamline(s) where the work was done, and whether or not GUP beam time was used.
  - Details:  
Proposal ID: 25954  
Proposal Title: Exploring Microstructural Evolution in SOFCs using Multi-Modal Tomography, Diffraction and Spectroscopy
- Sector reviews





# Servicing OSTI

File Edit View Go Message Tools Help

Inbox Re: FW: Cover : Natu... Records Harvested F...

Get Mail Write Chat Address Book Tag Quick Filter

From osti\_harvesting@osti.gov

Subject **Records Harvested From anl-aps** 4/25/2013 7:01 PM

To Richard B. Fenner, Jessie Skwarek, "Mary R. Hale", osti\_harvest@anl.gov

Cc osti\_harvesting@osti.gov Other Actions

Results for site: anl-aps, from 04/18/2013 to 04/24/2013  
Records processed successfully  
28 records were attempted; 28 records were successfully loaded; 0 records had errors.

Harvested Date Range: 18-Apr-2013 - 24-Apr-2013

anl-aps Record APS\_232180  
Title: Effect of Support Particle Size in Steam Reforming of Ethanol over Co/CeO<sub>2</sub> Catalysts  
Updated existing record successfully.  
OSTI\_ID=1054811

anl-aps Record APS\_232950  
Title: Crystallographic refinement of collective excitations using standing wave inelastic X-ray scattering  
Updated existing record successfully.  
OSTI\_ID=1071935

anl-aps Record APS\_233074  
Title: PUMA binding induces partial unfolding within BCL-xL to disrupt p53 binding and promote apoptosis  
Updated existing record successfully.  
OSTI\_ID=1073520

anl-aps Record APS\_233126  
Title: The effect of ionic strength on the mechanical, structural and transport properties of peptide hydrogels  
Updated existing record successfully.  
OSTI\_ID=1074263

- Weekly uploads of records to DOE Office of Scientific and Technical Information (OSTI), office that collects, preserves, and disseminates DOE-sponsored R&D results that are the outcomes of R&D projects or other funded activities at DOE labs and facilities nationwide and grantees at universities and other institutions.

# Twitter

- APS Twitter followers (@advancedphoton) get weekly update on new publications

AdvancedPhotonSource (advancedphoton) on Twitter - Mozilla Firefox

Advanced Photon Source | Ar... AdvancedPhotonSource (adv... x +

Twitter, Inc. (US) | https://twitter.com/advancedphoton

Most Visited Communities Entries in the APS Publi... Remedy Mid Tier 6.3 - L...

Home Connect Discover Me

Search

Tweets

Following

Followers

Favorites

Lists

Who to follow - Refresh - View all

SUBWAY Restaurants @SUB... x Follow Promoted

BBC SciTech @bbcscitech Followed by L.A. Times Science a... x Follow

Neil deGrasse Tyson Followed by Karen C. F... x Follow

Popular accounts - Find friends

Trends - Change

GetOnUstream x Promoted

Prince William

AdvancedPhotonSource @advancedphoton

World-class synchrotron x-ray science in energy, technologically important materials, health, economic competitiveness, security, and basic research.

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270 TWEETS 49 FOLLOWING 2,122 FOLLOWERS Edit profile

Tweets

AdvancedPhotonSource @advancedphoton 22 Jul

Entries in the APS Publications Database for the week ending 07.21.2013 [aps.anl.gov/Science/Public...](https://aps.anl.gov/Science/Publications) #fb

AdvancedPhotonSource @advancedphoton 18 Jul

The Daguerreotype and the X-ray: A Deep Look [aps.anl.gov/News/APS\\_News/...](https://aps.anl.gov/News/APS_News/...) #fb

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### Entries in the APS Publications Database for the week ending 07.21.2013

This list of entries in the APS Publications Database includes Journal Articles (88), Conference Proceedings (0), Books (0), and Book Chapters (0), and Dissertations (0).

This list of entries in the APS Publications Database does not include abstracts, invited talks, awards, magazine articles, or patents. For the complete list, search the APS Publications Database.

Inquiries about or submissions to the publications database should be directed to [apspubs@aps.anl.gov](mailto:apspubs@aps.anl.gov).

Journal Article

Mahiuiddin Ahmed, Yehuda Goldgur, Jian Hu, Hong-Fen Guo, Nai-Kong V. Cheung, In silico Driven Redesign of a Clinically Relevant Antibody for the Treatment of GD2 Positive Tumors," *PLoS One* **8** (5), e63359-1-e63359-9 ( 2013). DOI: 10.1371/journal.pone.0063359

R.W. Alkire, F.J. Rotella, N.E.C. Duke, Testing commercial protein crystallography sample mounting loops for movement in a cold-stream," *J. Appl. Crystallogr.* **46** (2), 525-536 ( 2013). DOI: 10.1107/S0021889813003348

Sytle M. Antao, Allison M. Klincker, Origin of birefringence in andradite from Arizona, Madagascar, and Iran," *Phys. Chem. Miner.* **40** (7), 575-586 ( 2013). DOI: 10.1007/s00269-013-0594-4

Lidia Armelao, Franziskus Heigl, Pil-Sook Grace Kim, Richard A. Rosenberg, Tom Z. Regier, Tsun-Kong Sham, Visible Emission from GeO<sub>2</sub> Nanowires: Site-Specific Insights via X-ray Excited Optical Luminescence," *J. Phys. Chem. C* **116** (26), 14163-14169 ( 2012). DOI: 10.1021/jp3040743

Phillip T. Barton, Ram Seshadri, Anna Llobet, Matthew R. Suchomel, Magnetostructural transition, metamagnetism, and magnetic phase coexistence in Co<sub>3</sub>Ge<sub>3</sub>O<sub>16</sub>," *Phys. Rev. B* **88** (2), 024403-1-024403-7 ( 2013). DOI: 10.1103/PhysRevB.88.024403

- Also linked-to from APS home page