

Dashboard Manual Librarians

May 2016



PORTICO

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Introduction

The Portico Dashboard is a tool for Portico staff, Portico publishers, and Portico libraries to monitor the preservation process and status of content being preserved at Portico. Each entity, Portico staff, publishers, and libraries, have their own “view” of the Dashboard. Librarians may see the overall status of all participating publishers, but will only be able to review individual items within the preservation services in which their library participates (e.g., if your library only supports e-journal preservation, you may not review individual books). Publishers may review any content they provided for preservation.

The Dashboard can be used to look up all sorts of information about content preserved in Portico, for example:

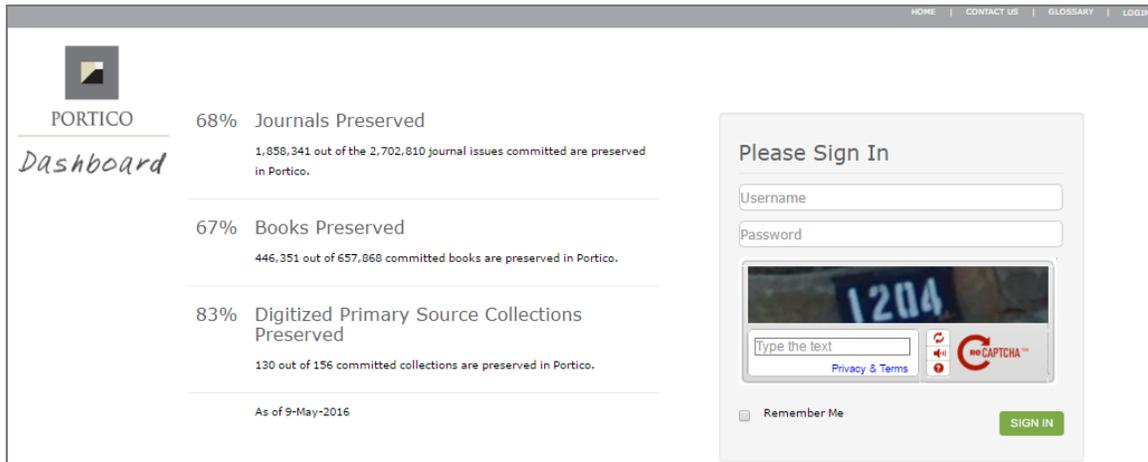
- the last time content was received and run for a publisher
- a list of articles matching a DOI
- hot linked DOIs within articles for easy access to the content at the publisher’s website
- easy access to the article XML and PMD (preservation metadata) files

This guide has the following sections:

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Accessing the Dashboard

The Dashboard is accessed at: <http://audit.portico.org>

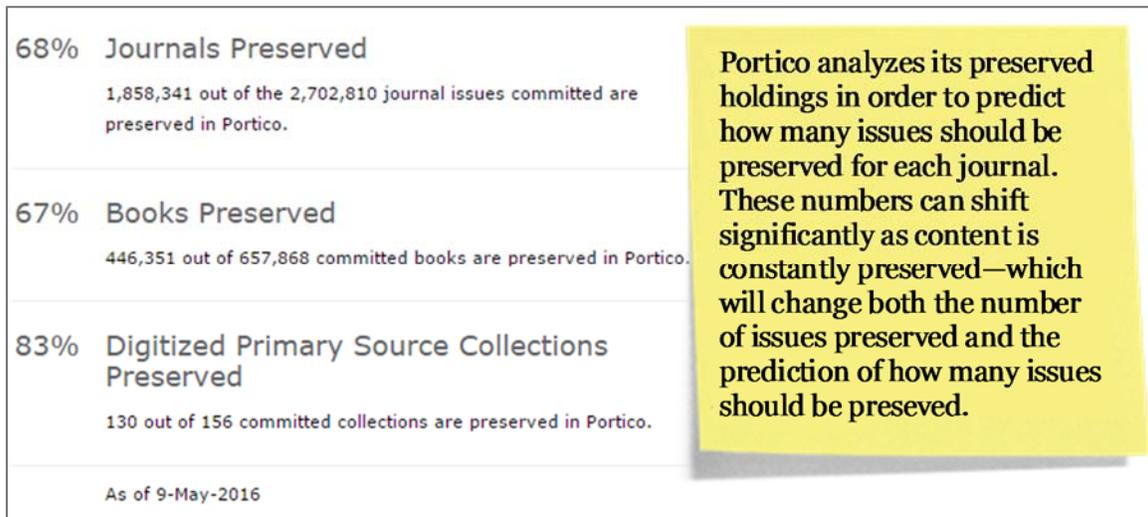


The screenshot shows the Portico Dashboard interface. On the left, there is a logo and the word "Dashboard". The main content area displays three statistics:

- 68% Journals Preserved**: 1,858,341 out of the 2,702,810 journal issues committed are preserved in Portico.
- 67% Books Preserved**: 446,351 out of 657,868 committed books are preserved in Portico.
- 83% Digitized Primary Source Collections Preserved**: 130 out of 156 committed collections are preserved in Portico.

At the bottom of the statistics, it says "As of 9-May-2016". On the right side, there is a "Please Sign In" form with fields for "Username" and "Password", a CAPTCHA image showing the number "1204", a "Remember Me" checkbox, and a "SIGN IN" button. Navigation links for "HOME", "CONTACT US", "GLOSSARY", and "LOGIN" are visible at the top right.

The log-in form will be on the right side of the page or, on a narrow monitor, at the bottom of the page. On the left side of the page are high level numbers that show the completeness of the entirety of the Portico Archive (these numbers reflect Portico's status in regard to all committed content).



This block provides a closer look at the statistics from the dashboard. A yellow callout box on the right explains the data:

Portico analyzes its preserved holdings in order to predict how many issues should be preserved for each journal. These numbers can shift significantly as content is constantly preserved—which will change both the number of issues preserved and the prediction of how many issues should be preserved.

The statistics shown are:

- 68% Journals Preserved**: 1,858,341 out of the 2,702,810 journal issues committed are preserved in Portico.
- 67% Books Preserved**: 446,351 out of 657,868 committed books are preserved in Portico.
- 83% Digitized Primary Source Collections Preserved**: 130 out of 156 committed collections are preserved in Portico.

As of 9-May-2016

Journal List Page

Upon logging in, librarians will be taken to a list of all journal committed to Portico. Journals with content preserved in Portico will be hot links. Journal without any content preserved yet, will have a “Not ingested” icon to the left.

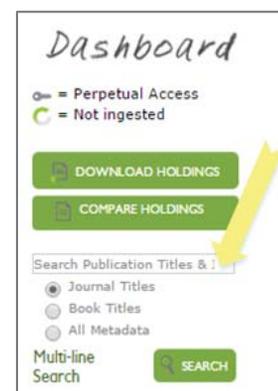
The screenshot shows the Portico Dashboard interface. At the top, there are navigation links: HOME, CONTACT US, GLOSSARY, and WELCOME Amy Kirchhoff (Librarian-test). Below this is a menu with categories: ELECTRONIC JOURNALS, ELECTRONIC BOOKS, PUBLISHERS, and REPORTS. A search bar is present with a 'SEARCH' button. The main content area displays a list of journals with the following columns: Journal, ISSN, and Publisher. Each journal entry is preceded by a small icon: a green circle with a white checkmark for 'Perpetual Access' and a green circle with a white 'X' for 'Not ingested'. A yellow callout box on the right side of the list contains the following text: 'The list of journals is sorted alphabetically and provides the journal name, the ISSN, and the publisher, along with information on whether or not the title is covered by post-cancellation access in Portico and whether the title yet has content preserved in Portico.'

| Journal | ISSN | Publisher |
|---|--------------------|-------------------------------------|
| 2D Materials | 20531583 | Institute of Physics Publishing |
| 3 Biotech | 21905738, 2190572X | Springer |
| 3C ON-LINE | 10782192 | Association for Computing Machinery |
| 3D Printing and Additive Manufacturing | 23297670, 23297662 | Mary Ann Liebert, Inc. |
| 3D Research | 20926731 | Springer |
| 3DTV Conference: The True Vision - Capture, Transmission and Display of 3D Video (3DTV-CON) | 21612021 | IEEE, Inc. |
| 4OR | 16142411, 16194500 | Springer |
| 19th-Century Music | 01482076, 15338606 | University of |
| 21st Century Society: Journal of the Academy of Social Sciences | 17450152, 17450144 | Taylor & Fra |
| 24 Images | 07079389, 19235097 | Consortium |
| AORN Journal | 00012092 | Elsevier |
| A Current Bibliography on African Affairs | 23766662, 00113255 | SAGE Public |
| A Life in the Day | 13666282 | Emerald Gro |
| A Practical Logic of Cognitive Systems | 18745075 | Elsevier |
| A&A Case Reports | 23257237 | Wolters Kluwer Health |
| A.I.E.E., Journal of the | 23765976, 00959804 | IEEE, Inc. |
| A.M.A. Journal of Diseases of Children | 15383628, 00966916 | American Medical Association |
| a/b: Auto/Biography Studies | 08989575, 21517290 | Project MUSE |

Find a Specific Title

One of the most useful features of the journal list page is the ability to look up a journal or book title by any of the words in the title, by any of the ISSN, or by any of the ISBN. This tool is located in the left hand navigation bar on the page. For example, below are the results from a search on the word “pulmonology” within Journal Titles.

The results include a list of only those journal titles within Portico that contain the phrase “pulmon”.



HOME | CONTACT US | GLOSSARY | WELCOME Amy Kirshoff (Librarian-test), you are

PORTICO

ELECTRONIC JOURNALS | ELECTRONIC BOOKS | PUBLISHERS | REPORTS

All | 0-9 | 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

Dashboard

= Perpetual Access
 = Not ingested

[DOWNLOAD HOLDINGS](#)
[COMPARE HOLDINGS](#)

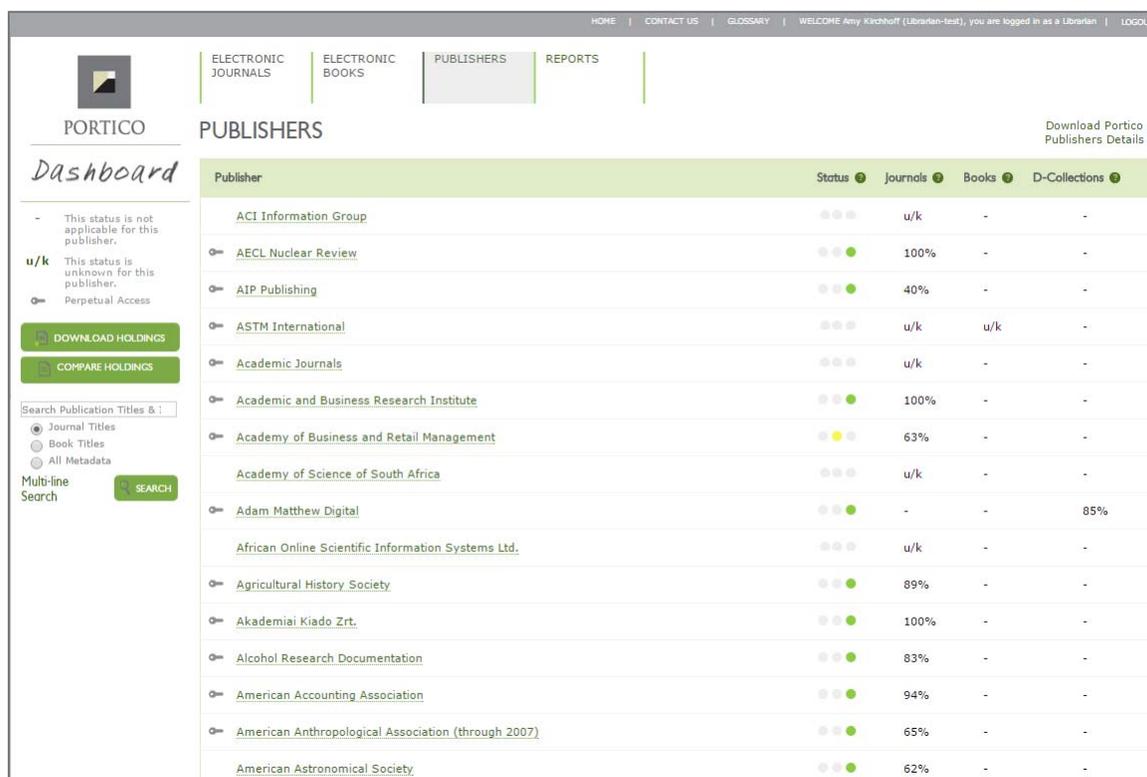
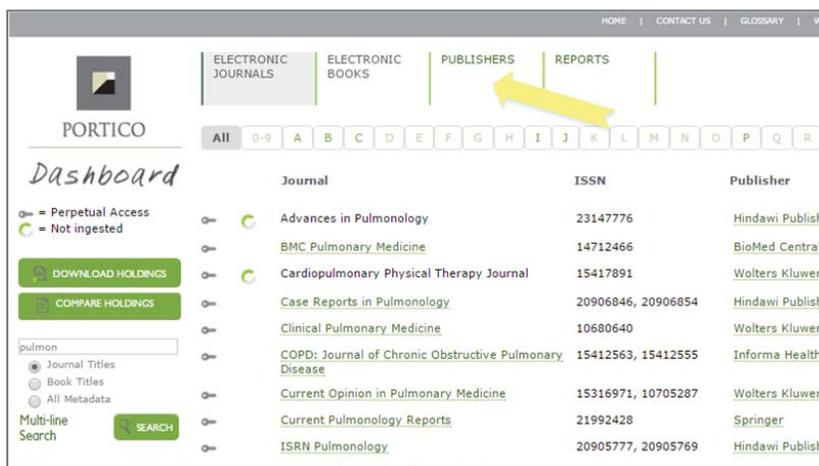
Journal Titles
 Book Titles
 All Metadata

Multi-line Search

| Journal | ISSN | Publisher |
|--|--------------------|--|
| Advances in Pulmonology | 23147776 | Hindawi Publishing Corporation |
| BMC Pulmonary Medicine | 14712466 | BioMed Central |
| Cardiopulmonary Physical Therapy Journal | 15417891 | Wolters Kluwer Health |
| Case Reports in Pulmonology | 20906846, 20906854 | Hindawi Publishing Corporation |
| Clinical Pulmonary Medicine | 10680640 | Wolters Kluwer Health |
| COPD: Journal of Chronic Obstructive Pulmonary Disease | 15412563, 15412555 | Informa Healthcare |
| Current Opinion in Pulmonary Medicine | 15316971, 10705287 | Wolters Kluwer Health |
| Current Pulmonology Reports | 21992428 | Springer |
| ISRN Pulmonology | 20905777, 20905769 | Hindawi Publishing Corporation |
| Journal of Aerosol Medicine and Pulmonary Drug Delivery | 19412711, 19412703 | Mary Ann Liebert, Inc. |
| Journal of Bronchology & Interventional Pulmonology | 19488270, 19446586 | Wolters Kluwer Health |
| Journal of Cardiopulmonary Rehabilitation and Prevention | 1932751X, 19327501 | Wolters Kluwer Health |
| Pediatric Allergy, Immunology, and Pulmonology | 2151321X, 21513228 | Mary Ann Liebert, Inc. |
| Pediatric Pulmonology | 10990496, 87556863 | John Wiley & Sons, Inc. |
| Pulmonary Circulation | 20458932, 20458940 | Medknow Publications and Media |
| Pulmonary Medicine | 20901836, 20901844 | Hindawi Publishing Corporation |
| Pulmonary Pharmacology | 09520600 | Elsevier |
| Pulmonary Pharmacology & Therapeutics | 10945539 | Elsevier |

List of Publishers Page

Many times, you may want to review content for a specific publisher or evaluate the current state of a publisher. The most useful set of pages for these actions are the publisher pages. Selecting the “Publishers” tab at the very top menu, will take you to a list of publishers committed to preserve content with Portico.



Publishers Page—Status

The status is calculated by evaluating the number of journals preserved, the number of issues preserved, the number of books preserved, the number of collections preserved, and the percentage of content that is difficult to process.

| Publisher | Status | Journals | Books | D-Collections |
|--|--------|----------|-------|---------------|
| ACI Information Group | ●●●● | u/k | - | - |
| AECL Nuclear Review | ●●●● | 100% | - | - |
| AIP Publishing | ●●●● | 40% | - | - |
| ASTM International | ●●●● | u/k | u/k | - |
| Academic Journals | ●●●● | u/k | - | - |
| Academic and Business Research | ●●●● | 100% | - | - |
| Academy of Business and Retail | ●●●● | 63% | - | - |
| Academy of Science of South Africa | ●●●● | u/k | - | - |
| Adam Matthew Digital | ●●●● | - | - | 85% |
| African Online Scientific Information Systems Ltd. | ●●●● | u/k | - | - |

Publishers Page—Journals, Books, and D-Collections

The percentages here are:

- the percentage of predicted issues which are preserved
- the percentage of unique books preserved compared to the number of books committed to Portico
- the percentage of collections committed to Portico that are preserved.

| Publisher | Status | Journals | Books | D-Collections |
|--|--------|----------|-------|---------------|
| ACI Information Group | ●●●● | u/k | - | - |
| AECL Nuclear Review | ●●●● | 7% | - | - |
| AIP Publishing | ●●●● | 41 | - | - |
| ASTM International | ●●●● | u/k | u/k | - |
| Academic Journals | ●●●● | u/k | - | - |
| Academic and Business Research Institute | ●●●● | 100% | - | - |
| Academy of Business and Retail Management | ●●●● | 63% | - | - |
| Academy of Science of South Africa | ●●●● | u/k | - | - |
| Adam Matthew Digital | ●●●● | - | - | - |
| African Online Scientific Information Systems Ltd. | ●●●● | u/k | - | - |
| Agricultural History Society | ●●●● | 89% | - | - |
| Akademiai Kiado Zrt. | ●●●● | 100% | - | - |
| Alcohol Research Documentation | ●●●● | 83% | - | - |
| American Accounting Association | ●●●● | 94% | - | - |

Individual Publisher Page

The publisher pages have much information on them and can be gotten to by clicking on any hot linked publisher name from anywhere in the Dashboard or audit interface. At the very top of any publisher page, there are a series of links or “tabs” that will allow you to view different information about the status of the publisher’s content.



- **Overview:** The tab you land on when you select any particular publisher.
- **Journals:** A list of the committed journals for this publisher with start and ending volume information for the content in the Portico archive.
- **Books:** A list of the preserved books for this publisher.
- **File Status Report:** A listing of all the file formats in this publisher’s content and their status.

Individual Publisher Page—Overview

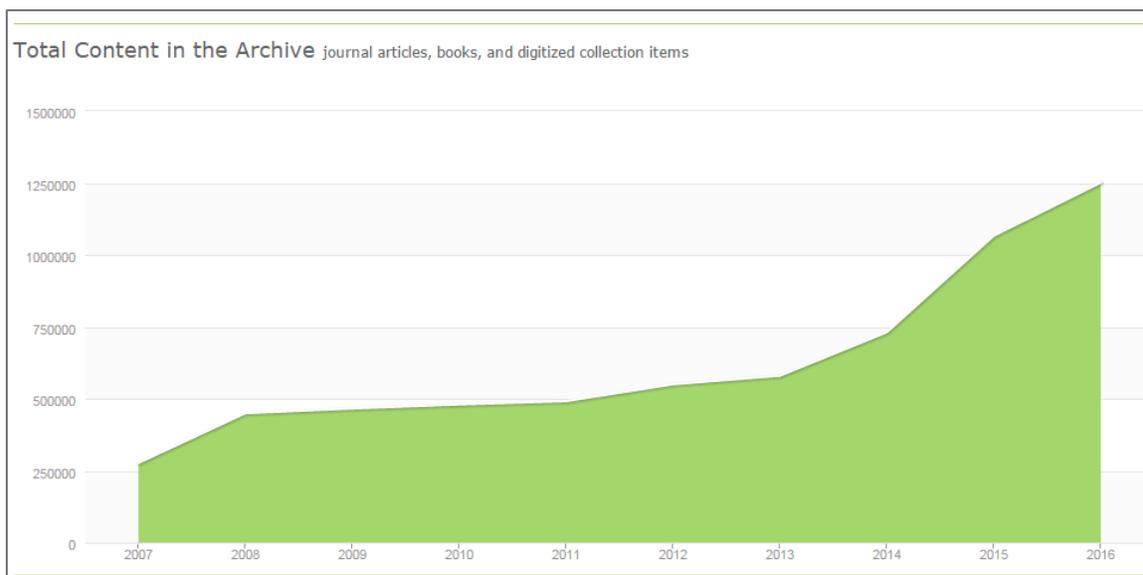
The overview tab on the publisher page has multiple sections. The very top section includes the same set of numbers that were seen on the list of publishers’ page.



In the Journals column, the percentage is the number of journal issues preserved by Portico divided by the number of issues Portico expects to receive, based on an analysis of the content Portico has preserved (see section below on

E-Journal Completeness Report for a deeper explanation of this analysis). In the Books column, the percentage is the number of unique books preserved by Portico divided by the number of books committed to Portico by this publisher. For a publisher participating in the D-Collections preservation service, the percentage would be the number of collections preserved divided by the number of collections committed to Portico.

The next chart shows the total amount of content preserved in the Portico archive for that publisher (this includes any journals, books or d-collection items preserved for the publisher) at different moments in time. Below we can see that American Chemical Society content was first preserved in 2007 and that Portico is now preserving more than double the number of articles preserved in 2007.



The next slot on the tab is a statistical overview of the publisher. These are counts of the number of journals, volumes, issues, articles, and books have been preserved for this publisher.

| Content in the Archive | | |
|------------------------|--------------------|---------|
| Journals | Journals Preserved | 54 |
| | Volumes Preserved | 1,345 |
| | Issues Preserved | 16,696 |
| | Articles Preserved | 730,626 |
| Books | Books Preserved | 1,387 |

The final section of the tab is an overview of the last time content for this publisher was received by Portico, loaded into the content processing system, and preserved.

| Processing Status | |
|-----------------------------|-------------|
| Date last content received | 12-Feb-2016 |
| Date last content loaded | 1-Apr-2016 |
| Date last content preserved | 13-May-2016 |

Individual Publisher Page—Journals

The Journals tab lists all of the titles committed to Portico by this publisher and includes identifying and holdings information for each. Note that the “start” and “end” information in this chart is simply a reflection of the content preserved in Portico—the publication may begin earlier than the Portico start information and run longer than the Portico end information.

The screenshot shows the Portico dashboard for the American Chemical Society. The page is titled "AMERICAN CHEMICAL SOCIETY AS OF 19-MAY-2016". The "JOURNALS" tab is selected, and the "FILE STATUS REPORT" shows 1 item. The dashboard includes a search bar and a list of journals with the following data:

| Title | ISSN | Start Year | Start Volume | Start Issue | End Year | End Volume | End Issue | Completeness Report |
|--|--------------------|------------|--------------|-------------|----------|------------|-----------|----------------------|
| Accounts of Chemical Research | 00014842, 15204898 | 1968 | 1 | 1 | 2016 | 49 | 3 | VIEW |
| ACS Applied Materials and Interfaces | 19448252, 19448244 | 2008 | 1 | 1 | 2016 | 8 | 12 | VIEW |
| ACS Biomaterials Science & Engineering | 23739878 | 2014 | 1 | 1 | 2016 | 2 | 3 | VIEW |
| ACS Catalysis | 21555435 | 2011 | 1 | 2 | 2016 | 6 | 3 | VIEW |
| ACS Central Science | 23747943, 23747951 | 2015 | 1 | 1 | 2016 | 2 | 3 | VIEW |
| ACS Chemical Biology | 15548929, 15548937 | 2006 | 1 | 1 | 2015 | 11 | 3 | VIEW |
| ACS Chemical Neuroscience | 19487193 | 2009 | 1 | 1 | 2016 | 7 | 3 | VIEW |
| ACS Combinatorial Science | 21568952, 21568944 | 2010 | 13 | 1 | 2016 | 18 | 3 | VIEW |
| ACS Energy Letters | 23808195 | 0 | | | 0 | | | |
| ACS Infectious Diseases | 23738227 | 2014 | 1 | 1 | 2016 | 2 | 3 | VIEW |
| ACS Macro Letters | 21611653 | 2012 | 1 | 1 | 2016 | 5 | 3 | VIEW |
| ACS Medicinal Chemistry Letters | 19485875 | 2010 | 1 | 6 | 2016 | 7 | 3 | VIEW |
| ACS Nano | 1936086X, 19360851 | 2007 | 1 | 1 | 2016 | 10 | 3 | VIEW |
| ACS Photonics | 23304022 | 2014 | 1 | 2 | 2016 | 3 | 3 | VIEW |
| ACS Sensors | 23793694 | 2015 | 1 | 1 | 2015 | 1 | 3 | VIEW |

Individual Publisher Page—Books

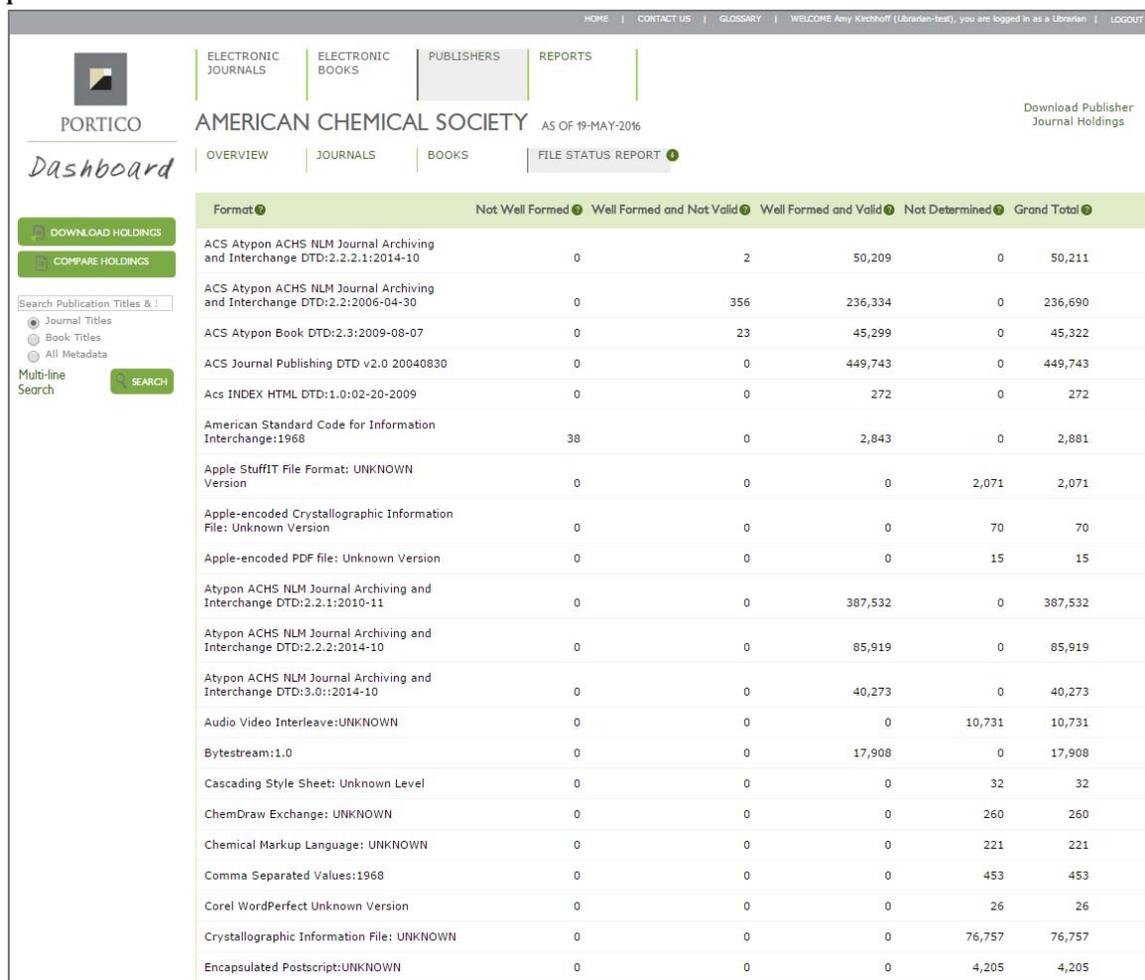
The Books tab lists all of the books preserved for this publisher (note that as of mid-2016, this is just the list of books preserved and does not include books that have been committed by the publisher, but not yet preserved).

The screenshot shows the Portico dashboard for the American Chemical Society publisher page. The page is titled "AMERICAN CHEMICAL SOCIETY AS OF 19-MAY-2016". The "BOOKS" tab is selected, and the "FILE STATUS REPORT" is visible. The page displays a list of books with the following details:

- Title:** 40 Years of Chemometrics – From Bruce Kowalski to the Future
Authors: Barry K. Lavine, Steven D. Brown, Karl S. Booksh (2015)
ISBN: 9780841230989, 9780841230972
DOI: 10.1021/bk-2011-1089
Portico Content Set: ACS E-Books
Portico Item ID: ark:/27927/pbd1p9k09wj
Formats: PDFs | HTML | Preservation Information | Tree View | PMD | XML
- Title:** 100+ Years of Plastics. Leo Baekeland and Beyond
Author: E. Thomas Strom, Seth C. Rasmussen (2011)
ISBN: 9780841226777, 9780841226784
DOI: 10.1021/bk-2011-1088
Portico Content Set: ACS E-Books
Portico Item ID: ark:/27927/pbd5jg54b6
Formats: PDFs | HTML | Preservation Information | Tree View | PMD | XML
- Title:** A Festival of Chemistry Entertainments
Author: Jack Stocker, Natalie Foster (2013)
ISBN: 9780841229075, 9780841229099
DOI: 10.1021/bk-2013-1153
Portico Content Set: ACS E-Books
Portico Item ID: ark:/27927/pbd12nw4nhx
Formats: PDFs | HTML | Preservation Information | Tree View | PMD | XML
- Title:** A Festival of Chemistry Entertainments
Author: Jack Stocker, Natalie Foster (2013)
ISBN: 9780841229075, 9780841229099
DOI: 10.1021/bk-2013-1153
Portico Content Set: ACS E-Books
Portico Item ID: ark:/27927/pbd12nw9d2j
Formats: PDFs | HTML | Preservation Information | Tree View | PMD | XML
- Title:** A Key to PHARMACEUTICAL AND MEDICINAL CHEMISTRY LITERATURE
Author: unattributed (January 01, 1956)
ISBN: 9780841200173, 0841200173, 9780841221628
DOI: 10.1021/bk-1956-0016
Portico Content Set: ACS E-Books
Portico Item ID: ark:/27927/pbd984x3hc
Formats: Table of Contents | Additional Information | PDFs | Preservation Information | Tree View | PMD | XML
- Title:** Academia and Industrial Pilot Plant Operations and Safety
Author: Mary K. Moore, Elmer B. Ledesma (2014)
ISBN: 9780841229600, 9780841229617
DOI: 10.1021/bk-2014-1163
Portico Content Set: ACS E-Books
Portico Item ID: ark:/27927/pbd1k7dg2kh
Formats: PDFs | HTML | Preservation Information | Tree View | PMD | XML

Individual Publisher Page—File Status Report

The file status report tab is straightforward. It is a list of all the file formats found in this publisher's content and the number of files in that format in the statuses which Portico tracks.



HOME | CONTACT US | GLOSSARY | WELCOME Amy Kirchhoff (Librarian-test), you are logged in as a Librarian | LOGOUT

PORTICO AMERICAN CHEMICAL SOCIETY AS OF 19-MAY-2016

Download Publisher Journal Holdings

Dashboard

OVERVIEW | JOURNALS | BOOKS | FILE STATUS REPORT

| Format | Not Well Formed | Well Formed and Not Valid | Well Formed and Valid | Not Determined | Grand Total |
|---|-----------------|---------------------------|-----------------------|----------------|-------------|
| ACS Atypon ACHS NLM Journal Archiving and Interchange DTD:2.2.2.1:2014-10 | 0 | 2 | 50,209 | 0 | 50,211 |
| ACS Atypon ACHS NLM Journal Archiving and Interchange DTD:2.2:2006-04-30 | 0 | 356 | 236,334 | 0 | 236,690 |
| ACS Atypon Book DTD:2.3:2009-08-07 | 0 | 23 | 45,299 | 0 | 45,322 |
| ACS Journal Publishing DTD v2.0 20040830 | 0 | 0 | 449,743 | 0 | 449,743 |
| Acs INDEX HTML DTD:1.0:02-20-2009 | 0 | 0 | 272 | 0 | 272 |
| American Standard Code for Information Interchange:1968 | 38 | 0 | 2,843 | 0 | 2,881 |
| Apple StuffIT File Format: UNKNOWN Version | 0 | 0 | 0 | 2,071 | 2,071 |
| Apple-encoded Crystallographic Information File: Unknown Version | 0 | 0 | 0 | 70 | 70 |
| Apple-encoded PDF file: Unknown Version | 0 | 0 | 0 | 15 | 15 |
| Atypon ACHS NLM Journal Archiving and Interchange DTD:2.2.1:2010-11 | 0 | 0 | 387,532 | 0 | 387,532 |
| Atypon ACHS NLM Journal Archiving and Interchange DTD:2.2:2014-10 | 0 | 0 | 85,919 | 0 | 85,919 |
| Atypon ACHS NLM Journal Archiving and Interchange DTD:3.0:2014-10 | 0 | 0 | 40,273 | 0 | 40,273 |
| Audio Video Interleave:UNKNOWN | 0 | 0 | 0 | 10,731 | 10,731 |
| Bytestream:1.0 | 0 | 0 | 17,908 | 0 | 17,908 |
| Cascading Style Sheet: Unknown Level | 0 | 0 | 0 | 32 | 32 |
| ChemDraw Exchange: UNKNOWN | 0 | 0 | 0 | 260 | 260 |
| Chemical Markup Language: UNKNOWN | 0 | 0 | 0 | 221 | 221 |
| Comma Separated Values:1968 | 0 | 0 | 0 | 453 | 453 |
| Corel WordPerfect Unknown Version | 0 | 0 | 0 | 26 | 26 |
| Crystallographic Information File: UNKNOWN | 0 | 0 | 0 | 76,757 | 76,757 |
| Encapsulated Postscript:UNKNOWN | 0 | 0 | 0 | 4,205 | 4,205 |

The possible statuses are:

- **Well Formed and Valid:** the file completely matches its format specification
- **Well Formed and Not Valid:** the file matches its format specification, but has an ill-formed value in the metadata (or, in the case of XML, if the file parses, but does not conform to its DTD or schema)
- **Not Well Formed:** the file does not match its format specification
- **Not Determined:** the file format does not yet have a validation module in JHOVE (as the community develops validation modules for these other formats, Portico will check

these preserved files for format validity and cache sufficient technical metadata to administer the archive)

Browsing a Journal

From the journal summaries tab of the publisher page or from the electronic journals page (see the top navigation bar), you can browse to view the volumes and issues preserved for any journal. Below is an example from the American Astronomical Society.

The screenshot shows the Portico dashboard for the journal 'ASTRONOMY EDUCATION REVIEW'. The top navigation bar includes links for HOME, CONTACT US, GLOSSARY, and a welcome message for a logged-in user. The main header features the Portico logo and a 'Dashboard' label. The journal title 'ASTRONOMY EDUCATION REVIEW' is prominently displayed, along with a 'VIEW COMPLETENESS' button. Below the title, there is a table of metadata including Publisher (American Astronomical Society), Agreement Name (American Astronomical Society Agreement, Version 1.0 (April 4, 2008)), PCA allowed (No), Identifiers (ISSN 15391515, Portico Journal ID ISSN_15391515), and Stable URL (http://audit.portico.org/stable?cs=ISSN_15391515). A note indicates that the journal is an Open Access title. On the left side, there are buttons for 'DOWNLOAD HOLDINGS' and 'COMPARE HOLDINGS', and a search section with radio buttons for 'Journal Titles', 'Book Titles', and 'All Metadata', and a 'Multi-line Search' option. The main content area displays a list of years from 2010 to 2006, with each year followed by volume and issue information (e.g., '2010 v. 9, n. 1').

Selecting any of the issues will take you to an issue table of contents. Note that what is presented is an issue table of contents built on the data that Portico has for the publisher. In the majority of cases, this will match what the publisher has published, but it may not always. Please be aware that Portico may have duplicate articles—Portico is implementing several deduplication systems that will eventually merge duplicate articles.

Issue Table of Contents

HOME | CONTACT US | GLOSSARY | WELCOME Amy Kirch

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ASTRONOMY EDUCATION REVIEW
Astronomy Education Review v. 12, n. 1

Publisher: American Astronomical Society
Agreement Name: American Astronomical Society Agreement, Version 1.0 (April 4, 2008)
PCA allowed: No
Identifiers: ISSN: 15391515, Portico Journal ID: ISSN_15391515

Table of Contents

A New Online Astronomy Resource for Education and Outreach
C. D. Impey, K. K. Hardegree-Ullman, A. Patkka, A. Srinathan, C. L. Austin, N. K. Ganesan, B. C. Guvenen
Astronomy Education Review v. 12, n. 1 (December 2013)
DOI: 10.3847/AER2012046
Portico Content Set: ISSN_15391515, (American Astronomical Society)
ISSN: 15391515
Portico Item ID: ark:/27927/pgg3ztfct93
PDF | HTML | Preservation Information | Tree View | PMD | XML

Astro 101 Students' Perceptions of Science: Results from the Thinking About Science Survey Instrument
Colin S. Wallace, Edward E. Prather, Benjamin M. Mendelsohn
Astronomy Education Review v. 12, n. 1 (December 2013)
DOI: 10.3847/AER2012042
Portico Content Set: ISSN_15391515, (American Astronomical Society)
ISSN: 15391515
Portico Item ID: ark:/27927/pgg3ztfctx1
PDF | HTML | Preservation Information | Tree View | PMD | XML

Astronomy Education Review: An Afterword
Andrew Fraknoi
Astronomy Education Review v. 12, n. 1 (December 2013)
DOI: 10.3847/AER2013017
Portico Content Set: ISSN_15391515, (American Astronomical Society)
ISSN: 15391515
Portico Item ID: ark:/27927/pgg3ztfctv16
PDF | HTML | Preservation Information | Tree View | PMD | XML

Astronomy Exercises for the Artist: van Gogh the Observer
Timothy M. Lawlor
Astronomy Education Review v. 12, n. 1 (December 2013)
DOI: 10.3847/AER2013007
Portico Content Set: ISSN_15391515, (American Astronomical Society)
ISSN: 15391515
Portico Item ID: ark:/27927/pgg3ztfcthd
PDF | HTML | Preservation Information | Tree View | PMD | XML

Development of the Newtonian Gravity Concept Inventory
Kathryn E. Williamson, Shannon Willoughby, Edward E. Prather
Astronomy Education Review v. 12, n. 1 (December 2013)
DOI: 10.3847/AER2012045
Portico Content Set: ISSN_15391515, (American Astronomical Society)
ISSN: 15391515
Portico Item ID: ark:/27927/pgg3ztfctvjjg
PDF | HTML | Preservation Information | Tree View | PMD | XML

Do You Always Need a Textbook to Teach Astro 101?
Alexander L. Rudolph
Astronomy Education Review v. 12, n. 1 (December 2013)
DOI: 10.3847/AER2012036
Portico Content Set: ISSN_15391515, (American Astronomical Society)
ISSN: 15391515
Portico Item ID: ark:/27927/pgg3ztfctdr
PDF | HTML | Preservation Information | Tree View | PMD | XML

The links under each article citation offer different views of the preserved content. The most likely options for e-journal articles are:

- **PDF:** the article view page will open with the PDF file open in the content frame
- **HTML:** the article view page will open with the full-text HTML of the article open in the content frame
- **Additional Information:** the article view page will open with the header-text HTML (bibliographic metadata only) of the article open in the content frame

- **Preservation Information:** a small slice of preservation metadata for the article will open in the content frame of the article view page
- **Tree View:** the article view page will open with a tree layout of the article and its files as represented within the Portico content model
- **PMD:** the XML of the Portico PMD (preservation metadata) file will open in the article view page
- **XML:** either the Portico XML file will open in the content frame of the article view page or a list of Portico XML files will open (the publisher supplied XML file is preserved, but it is not available for audit by librarians)

In the top right corner of the article view page is a button to show the “compare view” version of the page. This will let you open two different files associated with the article side-by-side.

A few examples of the article view page are below (note how the same links found under the citation on the list page can be found as tabs on the article view page).

| | | | | | |
|---------------------|------------------|------------|---------|----------|--------------|
| ELECTRONIC JOURNALS | ELECTRONIC BOOKS | PUBLISHERS | REPORTS | ← RETURN | COMPARE VIEW |
|---------------------|------------------|------------|---------|----------|--------------|

ASTRONOMY EDUCATION REVIEW
Astronomy Education Review v. 12, n. 1

Astro 101 Students' Perceptions of Science: Results from the Thinking About Science Survey Instrument
Colin S. Wallace, Edward E. Prather, Benjamin M. Mendelsohn
Astronomy Education Review v. 12, n. 1 (December 2013)
DOI: 10.3847/AER2012042
Portico Content Set: ISSN_15391515, (American Astronomical Society)
ISSN: 15391515
Portico Item ID: ark:/27927/pgg3ztfctx1

Agreement Name American Astronomical Society Agreement, Version 1.0 (April 4, 2008)
PCA allowed No
Stable URL <http://audit.portico.org/stable?au=pgg3ztfctx1>

PDF HTML Preservation Information Tree View PMD XML

 CrossMark

A LIVELY ELECTRONIC COMPENDIUM OF RESEARCH, NEWS, RESOURCES, AND OPINION

Astronomy Education Review

2013, AER, 12(1), 010101, <http://dx.doi.org/10.3847/AER2012042>

Astro 101 Students' Perceptions of Science: Results from the Thinking About Science Survey Instrument

Colin S. Wallace
Center for Astronomy Education (CAE), Steward Observatory, University of Arizona, Tucson, Arizona 85721

Edward E. Prather
Center for Astronomy Education (CAE), Steward Observatory, University of Arizona, Tucson, Arizona 85721

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Received: 08/10/12, Accepted: 01/4/13, Published: 02/15/13

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HTML

ELECTRONIC JOURNALS | ELECTRONIC BOOKS | PUBLISHERS | REPORTS

← RETURN | COMPARE VIEW

ASTRONOMY EDUCATION REVIEW

Astronomy Education Review v. 12, n. 1

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Portico Item ID: ark:/27927/pgg3ztfctx1

Agreement Name: American Astronomical Society Agreement, Version 1.0 (April 4, 2008)
PCA allowed: No
Stable URL: <http://audit.portico.org/stable?au=pgg3ztfctx1>

PDF | **HTML** | Preservation Information | Tree View | PMD | XML

Astronomy Education Review

AER
ISSN: 1539-1515

DOI: [10.3847/AER2012042](https://doi.org/10.3847/AER2012042)
Copyright year: 2013
Copyright holder: The American Astronomical Society
Volume: 12, Issue: 1, December 2013
Electronic Id: 010101

Astro 101 Students' Perceptions of Science: Results from the *Thinking About Science Survey Instrument*

Colin S. Wallace
Center for Astronomy Education (CAE), Steward Observatory, University of Arizona, Tucson, Arizona 85721

Edward E. Prather
Center for Astronomy Education (CAE), Steward Observatory, University of Arizona, Tucson, Arizona 85721

Benjamin M. Mendelsohn
University of Cape Town, Rondebosch, 7701, South Africa and West Valley College, Saratoga, California 95032

History: (Received: 10 August 2012; accepted: 4 January 2013; published online: 15 February 2013; 2013-02-15T09:27:11)

Abstract

Tree

ELECTRONIC JOURNALS | ELECTRONIC BOOKS | PUBLISHERS | REPORTS

← RETURN | COMPARE VIEW

ASTRONOMY EDUCATION REVIEW

Astronomy Education Review v. 12, n. 1

Astro 101 Students' Perceptions of Science: Results from the Thinking About Science Survey Instrument
Colin S. Wallace, Edward E. Prather, Benjamin M. Mendelsohn
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Agreement Name American Astronomical Society Agreement, Version 1.0 (April 4, 2008)
PCA allowed No
Stable URL <http://audit.portico.org/stable?au=pgg3ztfctx1>

PDF | HTML | Preservation Information | **Tree View** | PMD | XML

▼ AU - ark:/27927/pgg3ztfctx1

- ▼ CU - 1
 - ▼ FU - 1 - Text: Marked Up Full Text
 - SU - AERSCZ-vol_12-iss_1.tar/./AERSCZ/vol_12/iss_1/010101_1.xml (status=Inactive) (origin=Provider,Supplied Content)
 - SU - /ingest/workarea/0b0086f1a55ab648/output/aip/pgg3ztf32f2/pgg3ztf32f2.xml (status=Active) (origin=Archive,Migration)
 - ▼ FU - 2 - Rendition: Page Images
 - SU - AERSCZ-vol_12-iss_1.tar/./AERSCZ/vol_12/iss_1/010101_1.pdf (status=Active) (origin=Provider,Supplied Content)
 - ▼ FU - 3 - Component: Other Graphic
 - SU - AERSCZ-vol_12-iss_1.tar/./AERSCZ/vol_12/iss_1/webimages_010101_1.zip/d9.jpg (status=Active) (origin=Provider,Supplied Content)
 - ▼ FU - 4 - Component: Other Graphic
 - SU - AERSCZ-vol_12-iss_1.tar/./AERSCZ/vol_12/iss_1/webimages_010101_1.zip/d8.jpg (status=Active) (origin=Provider,Supplied Content)
 - ▼ FU - 5 - Component: Other Graphic
 - SU - AERSCZ-vol_12-iss_1.tar/./AERSCZ/vol_12/iss_1/webimages_010101_1.zip/d7.jpg (status=Active) (origin=Provider,Supplied Content)
 - ▼ FU - 6 - Component: Other Graphic
 - SU - AERSCZ-vol_12-iss_1.tar/./AERSCZ/vol_12/iss_1/webimages_010101_1.zip/d6.jpg (status=Active) (origin=Provider,Supplied Content)
 - ▼ FU - 7 - Component: Other Graphic
 - SU - AERSCZ-vol_12-iss_1.tar/./AERSCZ/vol_12/iss_1/webimages_010101_1.zip/d5.jpg (status=Active) (origin=Provider,Supplied Content)
 - ▼ FU - 8 - Component: Other Graphic
 - SU - AERSCZ-vol_12-iss_1.tar/./AERSCZ/vol_12/iss_1/webimages_010101_1.zip/d4.jpg (status=Active) (origin=Provider,Supplied Content)
 - ▼ FU - 9 - Component: Other Graphic
 - SU - AERSCZ-vol_12-iss_1.tar/./AERSCZ/vol_12/iss_1/webimages_010101_1.zip/d3.jpg (status=Active) (origin=Provider,Supplied Content)
 - ▼ FU - 10 - Component: Other Graphic
 - SU - AERSCZ-vol_12-iss_1.tar/./AERSCZ/vol_12/iss_1/webimages_010101_1.zip/d2.jpg (status=Active) (origin=Provider,Supplied Content)
 - ▼ FU - 11 - Component: Other Graphic
 - SU - AERSCZ-vol_12-iss_1.tar/./AERSCZ/vol_12/iss_1/webimages_010101_1.zip/d10.jpg (status=Active) (origin=Provider,Supplied Content)
 - ▼ FU - 12 - Component: Other Graphic
 - SU - AERSCZ-vol_12-iss_1.tar/./AERSCZ/vol_12/iss_1/webimages_010101_1.zip/d1.jpg (status=Active) (origin=Provider,Supplied Content)
 - ▼ FU - 13 - Component: Figure Graphic
 - SU - AERSCZ-vol_12-iss_1.tar/./AERSCZ/vol_12/iss_1/webimages_010101_1.zip/9.jpg (status=Active) (origin=Provider,Supplied Content)
 - ▼ FU - 14 - Component: Figure Graphic

Compare View

ELECTRONIC JOURNALS | ELECTRONIC BOOKS | PUBLISHERS | REPORTS

← RETURN 🔍 SIMPLE VIEW

ASTRONOMY EDUCATION REVIEW

Astronomy Education Review v. 12, n. 1

Astro 101 Students' Perceptions of Science: Results from the Thinking About Science Survey Instrument
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Portico Item ID: ark:/27927/pgg3ztfctx1

Agreement Name American Astronomical Society Agreement, Version 1.0 (April 4, 2008)
PCA allowed No
Stable URL <http://audit.portico.org/stable?au=pgg3ztfctx1>

PDF HTML Preservation Information Tree View

pgg3ztf321f.pdf 1 / 28

Astronomy Education Review
2013, AER, 12(1), 010101, <http://dx.doi.org/10.3847/AER2012042>

Astro 101 Students' Perceptions of Science: Results from the Thinking About Science Survey Instrument

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Received: 08/09/12, Accepted: 02/01/13, Published: 02/15/13

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Abstract
What are the underlying worldviews and beliefs about the role of science in society held by students enrolled in college-level, general education, introductory astronomy courses (Astro 101)—and are those beliefs affected by active engagement instruction? To help answer this question, we administered Cohen's (Cohen 2001) *Thinking About Science Survey Instrument* (TSSI) to an Astro 101 class in the spring 2011. The TSSI probes students' beliefs about the relationship between science and many aspects of contemporary society. In this paper, we analyze the 442 pre-instruction and 294 post-instruction student responses we received in the TSSI. Many students select responses to the TSSI's items indicating they have positive views about the role of science in society. We also see a slight increase in the number of positive responses pre- to post-instruction. While these limitations to the inferences one can draw from responses to a Likert scale survey such as the TSSI, this work nevertheless provides an important first step in a larger project to understand and affect the worldviews of general education, introductory astronomy students. To better interpret the significance of these results, we conclude by comparing the TSSI data to preliminary data from a related study in which we collected student writers responses to a series of provocative, open-ended prompts on the relationship between science and society.

1. INTRODUCTION
We frequently argue that college-level, general education, introductory astronomy classes (hereafter Astro 101) play a critical role in the science education of our society (e.g., Prather, Rudolph, and Bransden 2009; Prather

PDF HTML Preservation Information Tree View

Astronomy Education Review
AER
ISSN: 1539-1515

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Electronic Id: 010101

Astro 101 Students' Perceptions of Science: Results from the Thinking About Science Survey Instrument

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Portico Dashboard Manual for Librarians

18

E-Journal Completeness Report

In order to address content that has never been delivered to Portico, it is necessary for Portico to understand what content it should have received—in essence, necessary for Portico to know the publication pattern of the journal. Unfortunately, there is no master list of issues published. Thus, over the past several years, Portico has developed a missing issue completeness tool to 1) analyze the Portico preserved content and predict the publication pattern of each journal (the number of issues per volume), 2) to take that information and identify issues that are possibly missing or incomplete, and 3) to take the information of content that is missing and identify whether the content is on hand but with content issues to be resolved or has never been sent to Portico.

The analysis is a three pass process. The software walks through the preserved content for every journal and analyzes the publication patterns. It uses the information it has found to theorize the number of issues published in each year by the journal. For example, the Portico tools have guessed that the publication pattern for *ACS Catalysis*, an American Chemical Society title, is as follows:

- 2010: 12 issues
- 2011: 12 issues
- 2012: 12 issues
- 2013: 12 issues
- 2014: 12 issues
- 2015: 12 issues

The second pass of the analysis is to identify what issues might be missing from the Portico archive, given the issues we have on hand and the issues we have predicted should exist. This second pass also considers which issues might be incomplete, a determination made by considering the average number of articles published in the issues of this particular journal and the page numbering of articles within the issue. Issues will be identified as either missing, incomplete, or unknown (which means we have content for the issue, but are not confident the issue is complete—this will often occur when the page numbers of a volume run sequentially through all the issues and Portico has not yet preserved all of the issues for the volume).

The completeness analysis described above is used by Portico to request missing issues from the publishers. It is also used internally for reporting purposes and a flavor of it is made available in the Dashboard in the form of a matrix called the Completeness Page. These completeness pages are available from both the journal browse page:

The screenshot shows the Portico Dashboard for the journal ACS Catalysis. The interface includes a navigation menu with 'ELECTRONIC JOURNALS', 'ELECTRONIC BOOKS', 'PUBLISHERS', and 'REPORTS'. The main content area displays journal details: Publisher (American Chemical Society), Agreement Name (American Chemical Society Agreement, Version 1.0 (March 1, 2007)), PCA allowed (No), ISSN (21555435), Portico Journal ID (ISSN_21555435), and Stable URL (http://audit.portico.org/stable?cs=ISSN_21555435). A 'VIEW COMPLETENESS' button is highlighted with a yellow box and a yellow arrow. The dashboard also features a 'Dashboard' section with 'Perpetual Access' and 'Not ingested' indicators, and a '2010s' dropdown menu.

By Portico's assessment, the journal *Gothic Studies* is complete and is not missing any content.

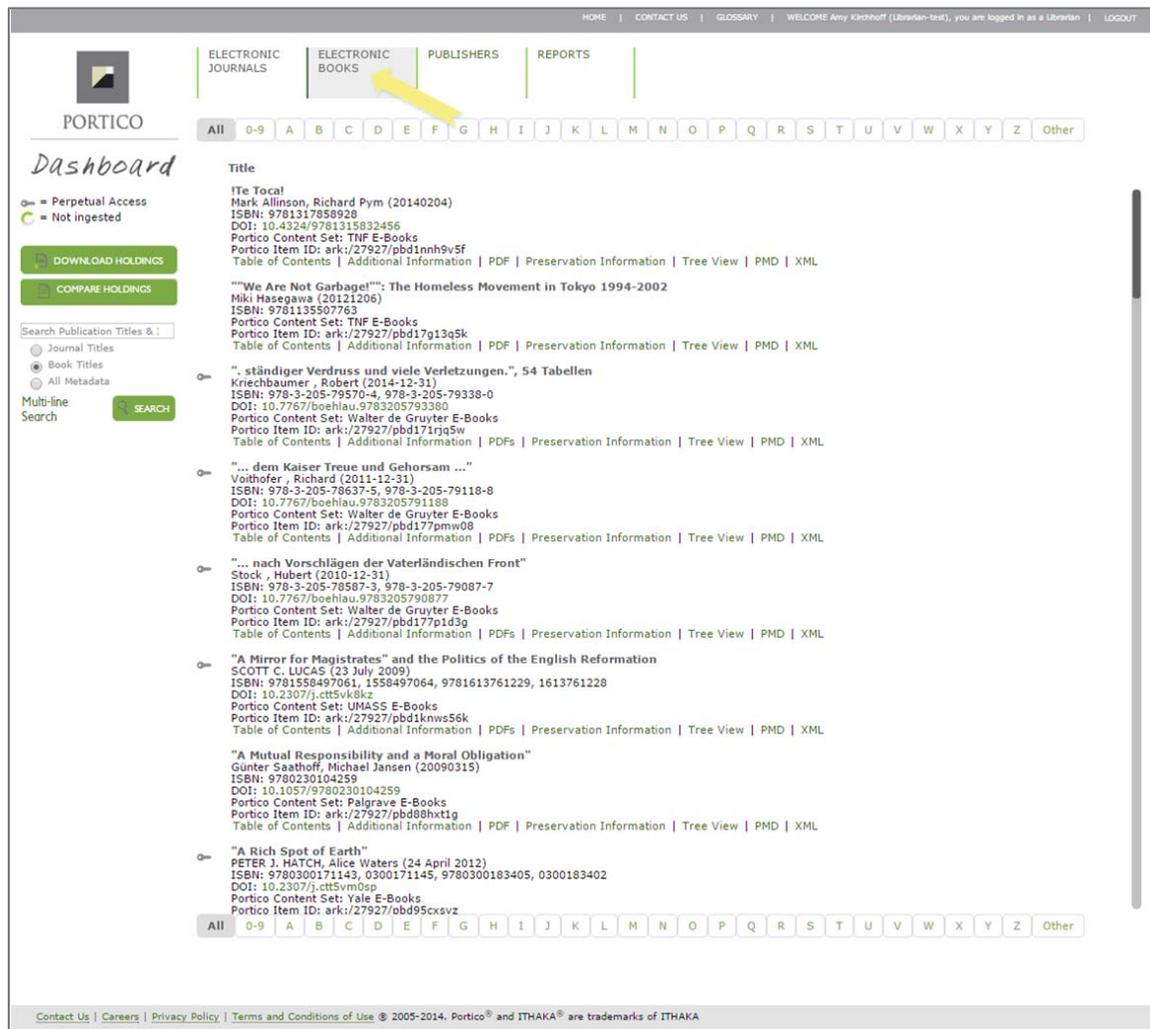
Below is the completeness page for *ACS Catalysis*, which has some statuses besides "Complete" on the issues:

| ACS CATALYSIS | | | | | | | | | | | | |
|--|---|--|--|--|---|--|---|--|--|---|--|---|
|  | | | | | | | | | | | | |
| Publisher American Chemical Society | | | | | | | | | | | | |
| Identifier Content Set ID ISSN_21555435 | | | | | | | | | | | | |
| Completeness as of May 20, 2016 | | | | | | | | | | | | |
| Years Preserved: 2010-2016 (v.1-6) | | | | | | | | | | | | |
| Portico Holdings: 2011 - v. 1 (2-3, 5-12), 2011/2012 - v. 2 (1-12), 2012/2013 - v. 3 (1-12), 2013/2014 - v. 4 (1-12), 2014/2015 - v. 5 (1-12), 2015/2016 - v. 6 (1-3) | | | | | | | | | | | | |
| Publication Pattern: 12,12,12,12,12,12, | | | | | | | | | | | | |
| Status Journal incomplete | | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| v.1 (2010/2011) | n.1: Missing Pub Date: 2010-12-27 | n.2: Unknown Pub Date: 2011-01-21 Articles: 11 | n.3: Complete Pub Date: 2011-02-15 Articles: 9 | n.4: Missing Pub Date: 2011-03-20 | n.5: Complete Pub Date: 2011-04-22 Articles: 18 | n.6: Complete Pub Date: 2011-05-13 Articles: 12 | n.7: Complete Pub Date: 2011-06-14 Articles: 19 | n.8: Complete Pub Date: 2011-07-19 Articles: 17 | n.9: Complete Pub Date: 2011-08-22 Articles: 16 | n.10: Complete Pub Date: 2011-09-23 Articles: 38 | n.11: Complete Pub Date: 2011-10-21 Articles: 22 | n.12: Complete Pub Date: 2011-11-16 Articles: 13 |
| v.2 (2011/2012) | n.1: Incomplete Pub Date: 2011-12-12 Articles: 1 | n.2: Complete Pub Date: 2012-01-25 Articles: 14 | n.3: Complete Pub Date: 2012-02-22 Articles: 18 | n.4: Complete Pub Date: 2012-03-28 Articles: 26 | n.5: Incomplete Pub Date: 2012-04-13 Articles: 1 | n.6: Complete Pub Date: 2012-05-23 Articles: 45 | n.7: Complete Pub Date: 2012-06-26 Articles: 28 | n.8: Complete Pub Date: 2012-07-26 Articles: 34 | n.9: Complete Pub Date: 2012-08-29 Articles: 25 | n.10: Complete Pub Date: 2012-09-25 Articles: 18 | n.11: Complete Pub Date: 2012-10-12 Articles: 26 | n.12: Complete Pub Date: 2012-11-26 Articles: 44 |
| v.3 (2012/2013) | n.1: Complete Pub Date: 2012-12-21 Articles: 17 | n.2: Complete Pub Date: 2013-01-24 Articles: 23 | n.3: Complete Pub Date: 2013-02-20 Articles: 26 | n.4: Complete Pub Date: 2013-03-26 Articles: 45 | n.5: Complete Pub Date: 2013-04-24 Articles: 31 | n.6: Complete Pub Date: 2013-05-28 Articles: 39 | n.7: Complete Pub Date: 2013-06-26 Articles: 31 | n.8: Complete Pub Date: 2013-07-24 Articles: 27 | n.9: Complete Pub Date: 2013-08-27 Articles: 34 | n.10: Complete Pub Date: 2013-09-25 Articles: 33 | n.11: Complete Pub Date: 2013-11-01 Articles: 30 | n.12: Complete Pub Date: 2013-11-22 Articles: 54 |
| v.4 (2013/2014) | n.1: Complete Pub Date: 2013-12-20 Articles: 42 | n.2: Complete Pub Date: 2014-01-29 Articles: 43 | n.3: Complete Pub Date: 2014-02-26 Articles: 37 | n.4: Complete Pub Date: 2014-03-26 Articles: 26 | n.5: Complete Pub Date: 2014-04-22 Articles: 47 | n.6: Complete Pub Date: 2014-05-28 Articles: 51 | n.7: Incomplete Pub Date: 2014-06-24 Articles: 4 | n.8: Complete Pub Date: 2014-08-01 Articles: 54 | n.9: Complete Pub Date: 2014-08-28 Articles: 56 | n.10: Complete Pub Date: 2014-09-25 Articles: 55 | n.11: Incomplete Pub Date: 2014-10-22 Articles: 1 | n.12: Complete Pub Date: 2014-11-24 Articles: 35 |

Above we can see that while Portico has content from v. 1 (2), v. 2 (1, 5), and v. 4 (7, 11) the analysis code was not willing to unequivocally state that these three issues were complete, and thus they have been given a status of "Unknown" or "Incomplete". In addition, the Portico archive is missing several expected issues.

Books

A listing of all the books currently preserved in the Portico Archive is available by selecting the “Electronic Books” tab at the very top of the page.



The screenshot shows the Portico Dashboard interface. At the top, there are navigation links: HOME, CONTACT US, GLOSSARY, WELCOME Amy Kirchhoff (Librarian-test), you are logged in as a Librarian, and LOGOUT. Below this, there are four main tabs: ELECTRONIC JOURNALS, ELECTRONIC BOOKS (highlighted with a yellow arrow), PUBLISHERS, and REPORTS. A secondary navigation bar contains letters A through Z and 'Other'. The main content area is titled 'Dashboard' and includes a search bar with 'Search Publication Titles & :'. Below the search bar are radio buttons for 'Journal Titles', 'Book Titles', and 'All Metadata', with 'All Metadata' selected. A 'Multi-line Search' button is also present. The main list of books is displayed with the following entries:

- ITe Total**
Mark Allinson, Richard Pym (20140204)
ISBN: 9781317858928
DOI: 10.4324/9781315832456
Portico Content Set: TNF E-Books
Portico Item ID: ark:/27927/pbd1nnh9v5f
Table of Contents | Additional Information | PDF | Preservation Information | Tree View | PMD | XML
- ""We Are Not Garbage!"": The Homeless Movement in Tokyo 1994-2002**
Miki Hasegawa (20121206)
ISBN: 9781135507763
Portico Content Set: TNF E-Books
Portico Item ID: ark:/27927/pbd17g13q5k
Table of Contents | Additional Information | PDF | Preservation Information | Tree View | PMD | XML
- "" ständiger Verdruß und viele Verletzungen."" 54 Tabellen**
Kriechbaumer, Robert (2014-12-31)
ISBN: 978-3-205-79570-4, 978-3-205-79338-0
DOI: 10.7767/boehlau.9783205793380
Portico Content Set: Walter de Gruyter E-Books
Portico Item ID: ark:/27927/pbd171rjq5w
Table of Contents | Additional Information | PDFs | Preservation Information | Tree View | PMD | XML
- ""... dem Kaiser Treue und Gehorsam ...""**
Voithofer, Richard (2011-12-31)
ISBN: 978-3-205-78637-5, 978-3-205-79118-8
DOI: 10.7767/boehlau.9783205791188
Portico Content Set: Walter de Gruyter E-Books
Portico Item ID: ark:/27927/pbd171pmw08
Table of Contents | Additional Information | PDFs | Preservation Information | Tree View | PMD | XML
- ""... nach Vorschlägen der Vaterländischen Front""**
Stöck, Hubert (2010-12-31)
ISBN: 978-3-205-78587-3, 978-3-205-79087-7
DOI: 10.7767/boehlau.9783205790877
Portico Content Set: Walter de Gruyter E-Books
Portico Item ID: ark:/27927/pbd177p1d3g
Table of Contents | Additional Information | PDFs | Preservation Information | Tree View | PMD | XML
- ""A Mirror for Magistrates"" and the Politics of the English Reformation**
SCOTT C. LUCAS (23 July 2009)
ISBN: 9781558497061, 1558497064, 9781613761229, 1613761228
DOI: 10.2307/j.ct5wkkkz
Portico Content Set: UMASS E-Books
Portico Item ID: ark:/27927/pbd1knws56k
Table of Contents | Additional Information | PDFs | Preservation Information | Tree View | PMD | XML
- ""A Mutual Responsibility and a Moral Obligation""**
Günter Saathoff, Michael Jansen (20090315)
ISBN: 9780230104259
DOI: 10.1057/9780230104259
Portico Content Set: Palgrave E-Books
Portico Item ID: ark:/27927/pbd88hxtlg
Table of Contents | Additional Information | PDF | Preservation Information | Tree View | PMD | XML
- ""A Rich Spot of Earth""**
PETER J. HATCH, Alice Waters (24 April 2012)
ISBN: 9780300171143, 0300171145, 9780300183405, 0300183402
DOI: 10.2307/j.ct5vm0sp
Portico Content Set: Yale E-Books
Portico Item ID: ark:/27927/obd95cxsvz

Each book listed has been preserved in the Portico Archive. As with journals, there are a number of links underneath each book, each opening up a different file or list of files associated with the book in the book view page. The most likely options for e-books are:

- **Table of Contents:** a pretty, abbreviated HTML version of the book with links to the chapter PDFs will open in the content frame
- **Additional Information:** a full rendition of the HTML version of the book will open in the content frame

- **PDF:** the book view page will open with the PDF file open in the content frame
- **PDFs:** the book view page will open with a list of the PDF files for this book open in the content frame
- **Preservation Information:** a small slice of preservation metadata for the book will open in the content frame of the book view page
- **Tree View:** the book view page will open with a tree layout of the book and its files as represented within the Portico content model
- **PMD:** the XML of the Portico PMD (preservation metadata) file will open in the article view page
- **XML:** either the Portico XML file will open in the content frame of the article view page or a list of several Portico XML files will open (the publisher supplied XML is preserved, but it is not available for audit by librarians)

The book view pages look just like the e-journal article view pages.

Reports

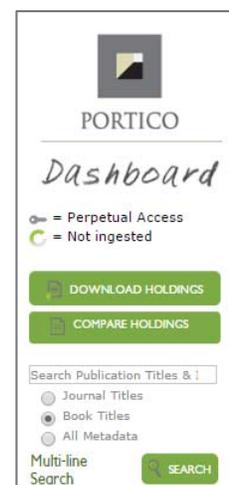
There are a number of reports available on the Reports page, including facts and figures, archive growth, XLSX files listing preserved books, journals and digital collections.

Search

There are four ways to search in Portico:

1. By keyword or ISSN in the journal title or ISSN field
2. By keyword or ISBN in the book title or ISBN field
3. All descriptive metadata (which is very useful when you would like to find an article for which you have a DOI).
4. A multi-line keyword search, which works just like search options 1 and 2, but lets you search for multiple titles with multiple keywords at one time.

All search options are available in the left hand navigation bar. Some example search results are below.



Searching journal titles for “pulmon”:

| Journal | ISSN | Publisher |
|--|--------------------|--|
| Advances in Pulmonology | 23147776 | Hindawi Publishing Corporation |
| BMC Pulmonary Medicine | 14712466 | BioMed Central |
| Cardiopulmonary Physical Therapy Journal | 15417891 | Wolters Kluwer Health |
| Case Reports in Pulmonology | 20906846, 20906854 | Hindawi Publishing Corporation |
| Clinical Pulmonary Medicine | 10680640 | Wolters Kluwer Health |
| COPD: Journal of Chronic Obstructive Pulmonary Disease | 15412563, 15412555 | Informa Healthcare |
| Current Opinion in Pulmonary Medicine | 15316971, 10705287 | Wolters Kluwer Health |
| Current Pulmonology Reports | 21992428 | Springer |
| ISRN Pulmonology | 20905777, 20905769 | Hindawi Publishing Corporation |
| Journal of Aerosol Medicine and Pulmonary Drug Delivery | 19412711, 19412703 | Mary Ann Liebert, Inc. |
| Journal of Bronchology & Interventional Pulmonology | 19488270, 19446586 | Wolters Kluwer Health |
| Journal of Cardiopulmonary Rehabilitation and Prevention | 1932751X, 19327501 | Wolters Kluwer Health |
| Pediatric Allergy, Immunology, and Pulmonology | 2151321X, 21513228 | Mary Ann Liebert, Inc. |
| Pediatric Pulmonology | 10990496, 87556863 | John Wiley & Sons, Inc. |
| Pulmonary Circulation | 20458932, 20458940 | Medknow Publications and Media |
| Pulmonary Medicine | 20901844, 20901836 | Hindawi Publishing Corporation |
| Pulmonary Pharmacology | 09520600 | Elsevier |
| Pulmonary Pharmacology & Therapeutics | 10945539 | Elsevier |

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 ADRIAN SANDIER, Peter Bedick (30 November 2009)
 ISBN: 9780807855478, 9781469604626, 1469604620
 DOI: 10.5149/9780807867860_sandler
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- Living with Spina Bifida**
 Adrian Sandler, M.D. (20040315)
 ISBN: 0807855472, 9780807855478
 DOI: 10.5149/9780807867860_sandler
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- Living with Spina Bifida: A Guide for Families and Professionals**
 Sandler, Adrian (2004)
 ISBN: 9781469604626, 1469604620, 9780807855478
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- The China-US Partnership to Prevent Spina Bifida**
 Deborah Kowal (2015)
 ISBN: 9780826520289, 0826520286
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- 🔑 **The Spina Bifida**
 M. Memet Özek, Giuseppe Cinalli, Wirginia J. Maixner (2008)
 ISBN: 978-88-470-0650-8, 978-88-470-0651-5
 DOI: 10.1007/978-88-470-0651-5
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Constipation Is Associated With Spina Bifida Occulta in Children
 Zhengwei Yuan, Wei Cheng, Ana Hou, Wei Wang, Shucheng Zhang, Dan Liu, Fei Gao, Hui Li, Weilin Wang
Clinical Gastroenterology and Hepatology v. 6, n. 12 (December 2008): 1348-1353
 DOI: 10.1016/j.cgh.2008.07.009
 Portico Content Set: ISSN_15423565, (Elsevier)
 ISSN: 15423565
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Constipation Is Associated With Spina Bifida Occulta in Children
 Zhengwei Yuan, Wei Cheng, Ana Hou, Wei Wang, Shucheng Zhang, Dan Liu, Fei Gao, Hui Li, Weilin Wang
Clinical Gastroenterology and Hepatology v. 6, n. 12 (December 2008): 1348-1353
 DOI: 10.1016/j.cgh.2008.07.009
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01-1 In human spina bifida aperta, ependymal denudation continues from pre- to postnatal life
 D.A. Sival, W.F.A. den Dunnen, M.M. Guerra, L.F. Bätz, G. Alvia, E.M. Rodriguez
European Journal of Paediatric Neurology v. 13, (September 2009): S1
 DOI: 10.1016/S1090-3798(09)70005-4
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A case of spina bifida with ocular manifestations
 Necip Kara, Ahmet Taylan Yazici, Hali Ibrahim Demirkale, Erçument Bozkurt, Mehmet Çakur, Ahmet Demirok, Ömer Faruk Yılmaz
Journal of American Association for Pediatric Ophthalmology and Strabismus v. 13, n. 6 (December 2009): 600-601
 DOI: 10.1016/j.jaapos.2009.11.001
 Portico Content Set: ISSN_10918531, (Elsevier)
 ISSN: 10918531
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Mosaic expression of Med12 in female mice leads to exencephaly, spina bifida, and craniorachischisis
 Pedro P. Rocha, Wilfrid Bleiss, Heinrich Schrewe, Nicholas D.E. Greene, Suzan L. Carmichael
Birth Defects Research Part A: Clinical and Molecular Teratology v. 88, n. 8 (August 2010): 626-632
 DOI: 10.1002/bdra.20893
 Portico Content Set: ISSN_15420752, (John Wiley & Sons, Inc.)
 ISSN: 15420760, 15420752
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Quality of life in individuals with spina bifida: A research update
 Kathleen J. Savin, Melissa H. Bellin, Jack M. Fletcher, Timothy J. Brei
Developmental Disabilities Research Reviews v. 16, n. 1 (2010): 47-59
 DOI: 10.1002/ddrr.96
 Portico Content Set: ISSN_19405510, (John Wiley & Sons, Inc.)
 ISSN: 19405510, 19405529
 Portico Item ID: ark:/27927/pgf8fxbj9d
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Epidemiologic and genetic aspects of spina bifida and other neural tube defects
 Kit Sing Au, Allison Ashley-Koch, Hope Northrup, Jack M. Fletcher, Timothy J. Brei
Developmental Disabilities Research Reviews v. 16, n. 1 (2010): 6-15
 DOI: 10.1002/ddrr.93
 Portico Content Set: ISSN_19405510, (John Wiley & Sons, Inc.)
 ISSN: 19405510, 19405529
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| Advances in Pulmonology | 23147776 | Hindawi Publishing Corporation |
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| Cardiopulmonary Physical Therapy Journal | 15417891 | Wolters Kluwer Health |
| Case Reports in Pulmonology | 20906846, 20906854 | Hindawi Publishing Corporation |
| Clinical Pulmonary Medicine | 10680640 | Wolters Kluwer Health |
| Clothing and Textiles Research Journal | 0887302X, 19402473 | SAGE Publications |
| COPD: Journal of Chronic Obstructive Pulmonary Disease | 15412563, 15412555 | Informa Healthcare |
| Current Opinion in Pulmonary Medicine | 15316971, 10705287 | Wolters Kluwer Health |
| Current Pulmonology Reports | 21992428 | Springer |
| Fashion and Textiles | 21980802 | Springer |
| Geotextiles and Geomembranes | 02661144 | Elsevier |
| Gothic Studies | 13627937, 2050456X | Manchester University Press |
| IEEE Textile, Fiber and Film Industry Technical Conference, Proceedings of the | 10493328 | IEEE, Inc. |
| ISRN Pulmonology | 20905777, 20905769 | Hindawi Publishing Corporation |
| ISRN Textiles | 23146389 | Hindawi Publishing Corporation |
| Journal of Aerosol Medicine and Pulmonary Drug Delivery | 19412711, 19412703 | Mary Ann Liebert, Inc. |
| Journal of Bronchology & Interventional Pulmonology | 19488270, 19446586 | Wolters Kluwer Health |
| Journal of Cardiopulmonary Rehabilitation and Prevention | 1932751X, 19327501 | Wolters Kluwer Health |
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