

# Dashboard Manual Librarians

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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

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# Accessing the Dashboard

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

The screenshot shows the Portico Dashboard. On the left, there's a logo and the word "Dashboard". The main content area displays three statistics: 68% Journals Preserved (1,858,341 out of 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), and 83% Digitized Primary Source Collections Preserved (130 out of 156 committed collections are preserved in Portico). Below these is the date "As of 9-May-2016". On the right, there's 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. At the top right, there are links for HOME, CONTACT US, GLOSSARY, and LOGIN.

The log-in the 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 shows a close-up of the statistics section from the dashboard. It lists: 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), and 83% Digitized Primary Source Collections Preserved (130 out of 156 committed collections are preserved in Portico). Below this is the date "As of 9-May-2016". To the right of the statistics is a yellow text box that reads: "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."

# 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.

**PORTICO Dashboard**

Legend:   
 - Perpetual Access   
 - Not ingested

Buttons:   
 DOWNLOAD HOLDINGS   
 COMPARE HOLDINGS

Search Publication Titles & :   
 Journal Titles   
 Book Titles   
 All Metadata

Multi-line Search

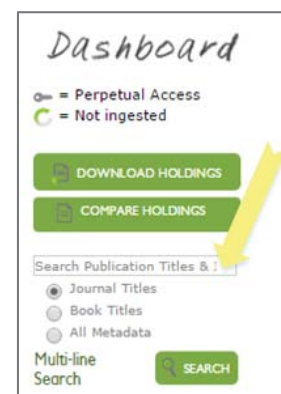
Journal	ISSN	Publisher
2D Materials	20531583	Institute of Physics Publishing
3 Biotech	21905738, 2190572X	Springer
3C ON-LINE	10782192	Association for Computing Machinery
3D Printing and Additive Manufacturing	23297670, 23297662	Mary Ann Liebert, Inc.
3D Research	20926731	Springer
3DTV Conference: The 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

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.

# 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.

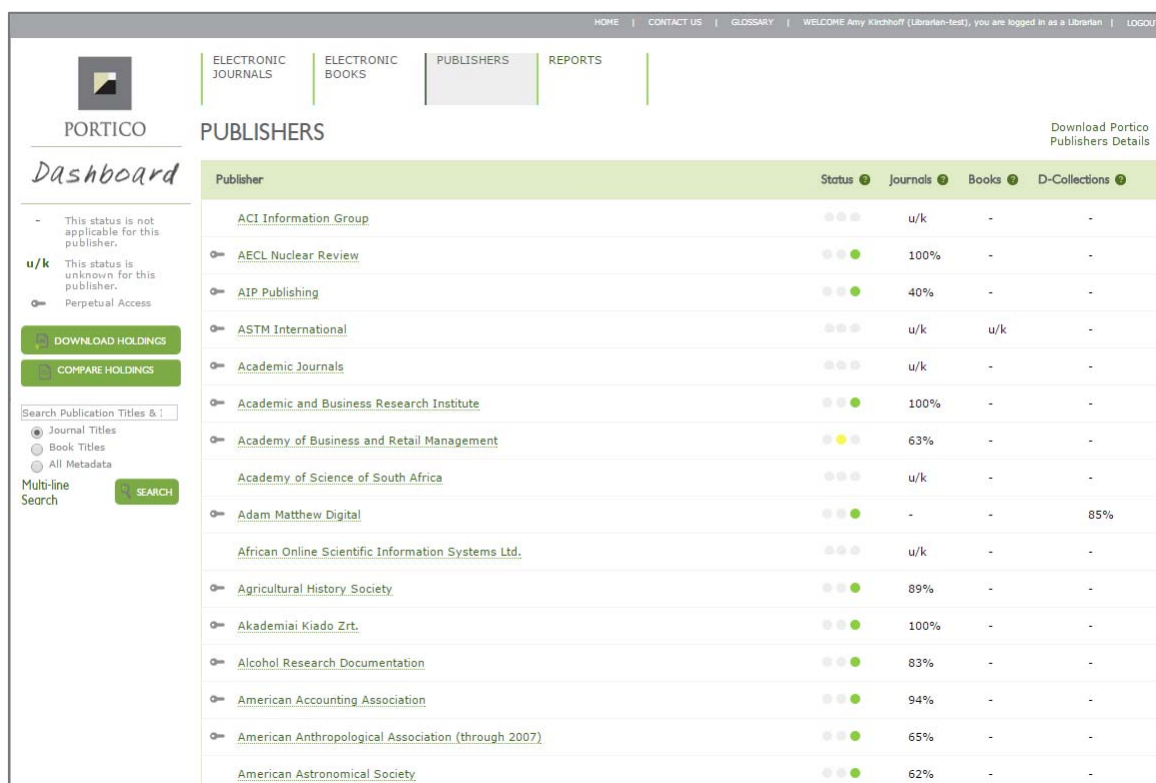
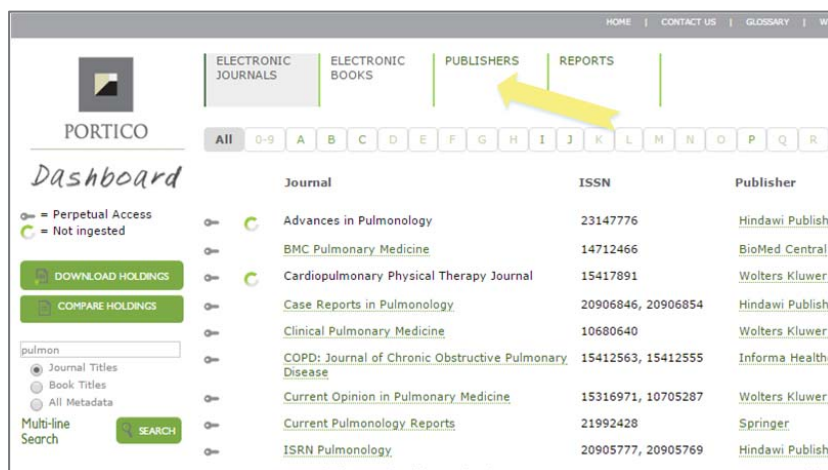
The results include a list of only those journal titles within Portico that contain the phrase “pulmon”.



<div> <div>HOME   CONTACT US   GLOSSARY   WELCOME Amy Kirchhoff (Librarian-test), you are</div> <div> <div> <div>ELECTRONIC JOURNALS</div> <div>ELECTRONIC BOOKS</div> <div>PUBLISHERS</div> <div>REPORTS</div> </div> <div> <div>PORTICO</div> <div>Dashboard</div> <div> <div> <div> <div>Perpetual Access</div> <div>Not ingested</div> </div> <div> <div>DOWNLOAD HOLDINGS</div> <div>COMPARE HOLDINGS</div> </div> <div> <div>pulmon</div> <div>Journal Titles</div> <div>Book Titles</div> <div>All Metadata</div> </div> <div> <div>Multi-line Search</div> <div>SEARCH</div> </div> </div> </div> </div> </div></div>			
<div> <div> <div>ALL</div> <div>0-9</div> <div>A</div> <div>B</div> <div>C</div> <div>D</div> <div>E</div> <div>F</div> <div>G</div> <div>H</div> <div>I</div> <div>J</div> <div>K</div> <div>L</div> <div>M</div> <div>N</div> <div>O</div> <div>P</div> <div>Q</div> <div>R</div> <div>S</div> <div>T</div> <div>U</div> <div>V</div> <div>W</div> <div>X</div> <div>Y</div> </div> </div>			
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%	-	-
Akademai 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.

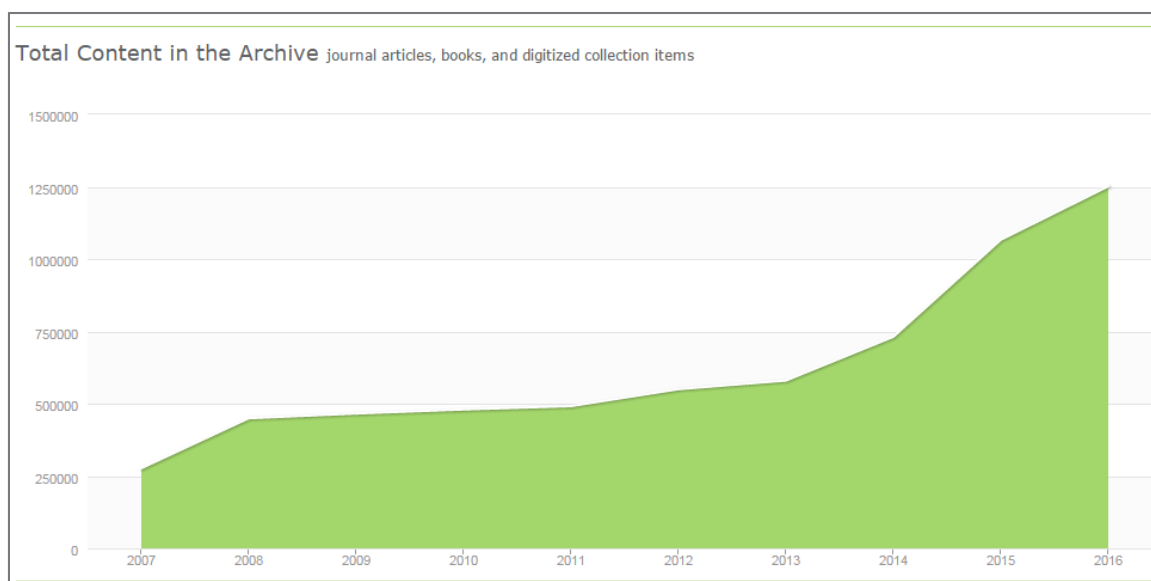
AMERICAN CHEMICAL SOCIETY AS OF 19-MAY-2016			
OVERVIEW	JOURNALS	BOOKS	FILE STATUS REPORT
Status	Journals	Books	D-Collections
<div><div></div><div></div><div></div></div>	66%	0%	-
	26,717 out of the 40,362 journal issues committed are preserved in Portico.	0 out of 1,604 committed books are preserved.	

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.

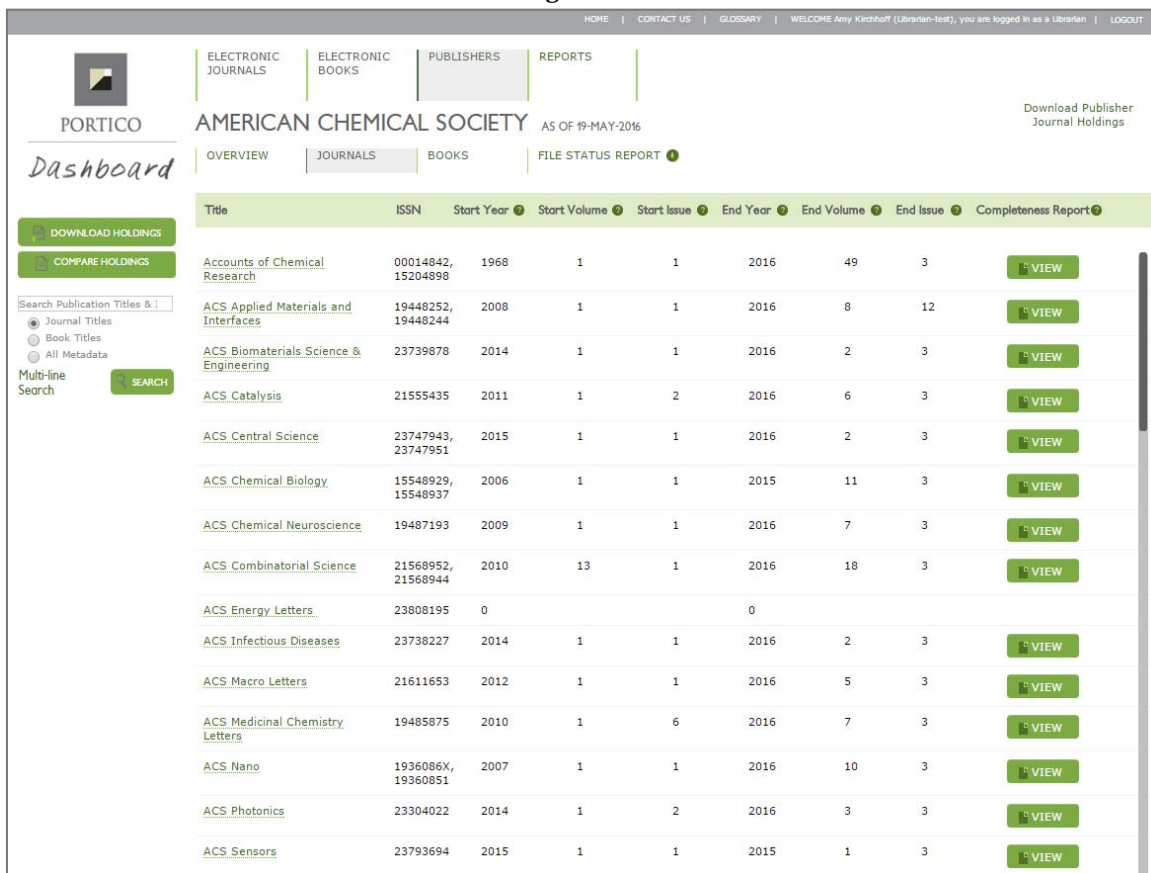
Content in the Archive		
Journals	Journals Preserved	54
	Volumes Preserved	1,345
	Issues Preserved	16,696
	Articles Preserved	730,626
Books	Books Preserved	1,387

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 top navigation bar includes links for HOME, CONTACT US, GLOSSARY, and a welcome message for a user named Amy Kischhoff. The main header features the Portico logo, the publisher name 'AMERICAN CHEMICAL SOCIETY', and the date 'AS OF 19-MAY-2016'. A 'Download Publisher Journal Holdings' link is also present. The left sidebar contains a 'Dashboard' link and a search section with options for 'Journal Titles', 'Book Titles', and 'All Metadata'. The main content area displays a table of journal titles with columns for Title, ISSN, Start Year, Start Volume, Start Issue, End Year, End Volume, End Issue, and Completeness Report. Each row includes a 'VIEW' button for more details.

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

## 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 displays the Portico Dashboard for the American Chemical Society (ACS) as of 19-May-2016. The interface includes a top navigation bar with links for HOME, CONTACT US, GLOSSARY, and a welcome message for a logged-in librarian. The main navigation area features tabs for ELECTRONIC JOURNALS, ELECTRONIC BOOKS, PUBLISHERS, and REPORTS. The PUBLISHERS tab is active, showing the ACS page. On the left, there is a sidebar with a 'Dashboard' label, a 'Download Holdings' button, a 'Compare Holdings' button, and a search section for 'Search Publication Titles &...' with radio buttons for 'Journal Titles', 'Book Titles', and 'All Metadata'. The main content area shows the 'BOOKS' tab selected, with a 'FILE STATUS REPORT' link. A alphabetical index bar is present above the list. The list contains several entries, each with a title, author, ISBN, DOI, and links for Portico Content Set, Portico Item ID, and various file formats (PDFs, HTML, Preservation Information, Tree View, PMD, XML).

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 1

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 Other

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

Search Publication Titles & :  
☒ Journal Titles  
☐ Book Titles  
☐ All Metadata  
Multi-line Search [SEARCH](#)

**Title**

**40 Years of Chemometrics – From Bruce Kowalski to the Future**  
Barry K. Lavine, Steven D. Brown, Karl S. Booksh (2015)  
ISBN: 9780841230989, 9780841230972  
DOI: 10.1021/bk-2015-1199  
Portico Content Set: ACS E-Books  
Portico Item ID: ark:/27927/pbd1p9k09wj  
PDFs | HTML | Preservation Information | Tree View | PMD | XML

**100+ Years of Plastics, Leo Baekeland and Beyond**  
E. Thomas Strom, Seth C. Rasmussen (2011)  
ISBN: 9780841226777, 9780841226784  
DOI: 10.1021/bk-2011-1080  
Portico Content Set: ACS E-Books  
Portico Item ID: ark:/27927/pbd5jg54b6  
PDFs | HTML | Preservation Information | Tree View | PMD | XML

**A Festival of Chemistry Entertainments**  
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  
PDFs | HTML | Preservation Information | Tree View | PMD | XML

**A Festival of Chemistry Entertainments**  
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  
PDFs | HTML | Preservation Information | Tree View | PMD | XML

**A Key to PHARMACEUTICAL AND MEDICINAL CHEMISTRY LITERATURE**  
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  
Table of Contents | Additional Information | PDFs | Preservation Information | Tree View | PMD | XML

**Academia and Industrial Pilot Plant Operations and Safety**  
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  
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

ELECTRONIC  
JOURNALS

ELECTRONIC  
BOOKS

PUBLISHERS

REPORTS

AMERICAN CHEMICAL SOCIETY AS OF 19-MAY-2016

Download Publisher  
Journal Holdings

OVERVIEW

JOURNALS

BOOKS

FILE STATUS REPORT 1

Dashboard

DOWNLOAD HOLDINGS

COMPARE HOLDINGS

Search Publication Titles & I

- ☒ Journal Titles
- ☐ Book Titles
- ☐ All Metadata

Multi-line  
Search

SEARCH

Format Not Well Formed Well Formed and Not Valid Well Formed and Valid Not Determined Grand Total

ACS Atypion ACHS NLM Journal Archiving and Interchange DTD:2.2.2.1:2014-10	0	2	50,209	0	50,211
ACS Atypion ACHS NLM Journal Archiving and Interchange DTD:2.2:2006-04-30	0	356	236,334	0	236,690
ACS Atypion 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
Atypion ACHS NLM Journal Archiving and Interchange DTD:2.2.1:2010-11	0	0	387,532	0	387,532
Atypion ACHS NLM Journal Archiving and Interchange DTD:2.2.2:2014-10	0	0	85,919	0	85,919
Atypion 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 librarian. The dashboard features a sidebar with a 'Dashboard' link, a search bar, and buttons for 'DOWNLOAD HOLDINGS' and 'COMPARE HOLDINGS'. The main content area displays the journal's title, publisher (American Astronomical Society), and various identifiers (ISSN, Portico Journal ID, Stable URL). A list of volumes and issues is shown, organized by decade (2010s, 2000s). The 2010s section lists volumes 12, 11, 10, and 9. The 2000s section lists volumes 8, 7, 6, and 5. A note indicates that the journal is an Open Access title.

Year	Volume	Issue
2010s	12	n. 1
2010s	11	n. 1
2010s	10	n. 1
2010s	9	n. 1
2000s	8	n. 1
2000s	7	n. 2
2000s	7	n. 1
2000s	6	n. 2
2000s	6	n. 1
2000s	5	n. 2
2000s	5	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

  
PORTICO

*Dashboard*

Perpetual Access

Not ingested

DOWNLOAD HOLDINGS

COMPARE HOLDINGS

Search Publication Titles & :  

Journal Titles

Book Titles

All Metadata

Multi-line Search

SEARCH

ELECTRONIC JOURNALS

ELECTRONIC BOOKS

PUBLISHERS

REPORTS

## ASTRONOMY EDUCATION REVIEW

Astronomy Education Review v. 12, n. 1

**Publisher**  
**Agreement Name**  
**PCA allowed**  
**Identifiers**

American Astronomical Society  
American Astronomical Society Agreement, Version 1.0 (April 4, 2008)  
No  
ISSN  
Portico Journal ID

15391515  
15391515

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**A New Online Astronomy Resource for Education and Outreach**  
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- **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
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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).



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Astronomy Education Review v. 12, n. 1

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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>

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# 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  
**Benjamin M. Mendelsohn**  
University of Cape Town, Rondebosch, 7701, South Africa  
and West Valley College, Saratoga, California 95032  
Received: 08/10/12, Accepted: 01/4/13, Published: 02/15/13

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# HTML

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## ASTRONOMY EDUCATION REVIEW

Astronomy Education Review v. 12, n. 1

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PCA allowed No  
Stable URL <http://audit.portico.org/stable?au=pgg3ztfctx1>

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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  
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Edward E. Prather  
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University of Cape Town, Rondebosch, 7701, South Africaand 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

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## ASTRONOMY EDUCATION REVIEW

Astronomy Education Review v. 12, n. 1

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**PCA allowed** No  
**Stable URL** <http://audit.portico.org/stable?au=pgg3ztfctx1>

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▼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

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▼FU - 5 - Component: Other Graphic

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▼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

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## ASTRONOMY EDUCATION REVIEW

Astronomy Education Review v. 12, n. 1

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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>

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### 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  
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and West Valley College, Saratoga, California 95032  
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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 shown to significantly increase students' conceptual knowledge and reasoning abilities related to astronomy? 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 to 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 students' written 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 Brinsenden 2009; Prather

PDF

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### Astronomy Education Review

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# 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:



And the journal summaries tab on the publisher page:


<div> <div>HOME   CONTACT US   GLOSSARY   WELCOME Amy Kirchhoff (Librarian-test), you are logged in as a Librarian   LOGOUT</div> <div> <div> <div>PORTICO</div> <div>Dashboard</div> </div> <div> <div>ELECTRONIC JOURNALS</div> <div>ELECTRONIC BOOKS</div> <div>PUBLISHERS</div> <div>REPORTS</div> </div> </div> <div> <div>AMERICAN CHEMICAL SOCIETY</div> <div>AS OF 19-MAY-2016</div> <div>Download Publisher Journal Holdings</div> </div> </div>									
<div> <div>OVERVIEW   JOURNALS   BOOKS   FILE STATUS REPORT</div> </div>									
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	

Selecting any of these links will open a new web browser tab with a matrix where the volumes are listed along the y-axis and the issues along the x-axis. Each issue has a cell and its status, publication date, and number of articles preserved can be found in each cell.

<div> <div>PORTICO</div> <div>GOTHIC STUDIES</div> <div>Publisher Manchester University Press</div> <div>Identifier Content Set ID ISSN_13627937</div> <div> <div>Completeness</div> <div>as of May 14, 2016</div> </div> <div> <div>Years Preserved: 1999-2015 (v.1-17)</div> <div> Portico Holdings: 1999 - v. 1 (1-2), 2000 - v. 2 (1-3), 2001 - v. 3 (1-3), 2002 - v. 4 (1-2), 2003 - v. 5 (1-2), 2004 - v. 6 (1-2), 2005 - v. 7 (1-2), 2006 - v. 8 (1-2), 2007 - v. 9 (1-2), 2008 - v. 10 (1-2), 2009 - v. 11 (1-2), 2010 - v. 12 (1-2), 2011 - v. 13 (1-2), 2012 - v. 14 (1-2), 2013 - v. 15 (1-2), 2014 - v. 16 (1-2), 2015 - v. 17 (1-2) </div> <div>Publication Pattern: 3,3,3,2,2,2,2,2,2,2,2,2,2,2,2,2,2,</div> </div> <div>Status Journal complete</div> </div>			
	1	2	3
v.1 (1999)	<b>n.1: Complete</b> Pub Date: 1999-08-01 Articles: 7	<b>n.2: Complete</b> Pub Date: 1999-12-01 Articles: 7	No more issues
v.2 (2000)	<b>n.1: Complete</b> Pub Date: 2000-04-01 Articles: 14	<b>n.2: Complete</b> Pub Date: 2000-08-01 Articles: 6	<b>n.3: Complete</b> Pub Date: 2000-12-01 Articles: 7
v.3 (2001)	<b>n.1: Complete</b> Pub Date: 2001-04-01 Articles: 10	<b>n.2: Complete</b> Pub Date: 2001-08-01 Articles: 8	<b>n.3: Complete</b> Pub Date: 2001-12-01 Articles: 5
v.4 (2002)	<b>n.1: Complete</b> Pub Date: 2002-05-01 Articles: 7	<b>n.2: Complete</b> Pub Date: 2002-11-01 Articles: 9	No more issues
v.5 (2003)	<b>n.1: Complete</b> Pub Date: 2003-05-01 Articles: 9	<b>n.2: Complete</b> Pub Date: 2003-11-01 Articles: 8	No more issues

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:

<div>  <div> <div>ACS CATALYSIS</div> <div> <b>Publisher</b> American Chemical Society         </div> <div> <b>Identifier</b> Content Set ID ISSN_21555435         </div> <div> <b>Completeness</b> as of May 20, 2016         </div> <div> <b>Years Preserved:</b> 2010-2016 (v.1-6)         </div> <div> <b>Portico Holdings:</b> 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)         </div> <div> <b>Publication Pattern:</b> 12,12,12,12,12,12,         </div> <div> <b>Status</b> Journal incomplete         </div> </div> </div>												
	1	2	3	4	5	6	7	8	9	10	11	12
<b>v.1 (2010/2011)</b>	<b>n.1: Missing</b> Pub Date: 2010-12-27	<b>n.2: Unknown</b> Pub Date: 2011-01-21 Articles: 11	<b>n.3: Complete</b> Pub Date: 2011-02-15 Articles: 9	<b>n.4: Missing</b> Pub Date: 2011-03-20	<b>n.5: Complete</b> Pub Date: 2011-04-22 Articles: 18	<b>n.6: Complete</b> Pub Date: 2011-05-13 Articles: 12	<b>n.7: Complete</b> Pub Date: 2011-06-14 Articles: 19	<b>n.8: Complete</b> Pub Date: 2011-07-19 Articles: 17	<b>n.9: Complete</b> Pub Date: 2011-08-22 Articles: 16	<b>n.10: Complete</b> Pub Date: 2011-09-23 Articles: 38	<b>n.11: Complete</b> Pub Date: 2011-10-21 Articles: 22	<b>n.12: Complete</b> Pub Date: 2011-11-16 Articles: 13
<b>v.2 (2011/2012)</b>	<b>n.1: Incomplete</b> Pub Date: 2011-12-12 Articles: 1	<b>n.2: Complete</b> Pub Date: 2012-01-25 Articles: 14	<b>n.3: Complete</b> Pub Date: 2012-02-22 Articles: 18	<b>n.4: Complete</b> Pub Date: 2012-03-28 Articles: 26	<b>n.5: Incomplete</b> Pub Date: 2012-04-13 Articles: 1	<b>n.6: Complete</b> Pub Date: 2012-05-23 Articles: 45	<b>n.7: Complete</b> Pub Date: 2012-06-26 Articles: 28	<b>n.8: Complete</b> Pub Date: 2012-07-26 Articles: 34	<b>n.9: Complete</b> Pub Date: 2012-08-29 Articles: 25	<b>n.10: Complete</b> Pub Date: 2012-09-25 Articles: 18	<b>n.11: Complete</b> Pub Date: 2012-10-12 Articles: 26	<b>n.12: Complete</b> Pub Date: 2012-11-26 Articles: 44
<b>v.3 (2012/2013)</b>	<b>n.1: Complete</b> Pub Date: 2012-12-21 Articles: 17	<b>n.2: Complete</b> Pub Date: 2013-01-24 Articles: 23	<b>n.3: Complete</b> Pub Date: 2013-02-20 Articles: 26	<b>n.4: Complete</b> Pub Date: 2013-03-26 Articles: 45	<b>n.5: Complete</b> Pub Date: 2013-04-24 Articles: 31	<b>n.6: Complete</b> Pub Date: 2013-05-28 Articles: 39	<b>n.7: Complete</b> Pub Date: 2013-06-26 Articles: 31	<b>n.8: Complete</b> Pub Date: 2013-07-24 Articles: 27	<b>n.9: Complete</b> Pub Date: 2013-08-27 Articles: 34	<b>n.10: Complete</b> Pub Date: 2013-09-25 Articles: 33	<b>n.11: Complete</b> Pub Date: 2013-11-01 Articles: 30	<b>n.12: Complete</b> Pub Date: 2013-11-22 Articles: 54
<b>v.4 (2013/2014)</b>	<b>n.1: Complete</b> Pub Date: 2013-12-20 Articles: 42	<b>n.2: Complete</b> Pub Date: 2014-01-29 Articles: 43	<b>n.3: Complete</b> Pub Date: 2014-02-26 Articles: 37	<b>n.4: Complete</b> Pub Date: 2014-03-26 Articles: 26	<b>n.5: Complete</b> Pub Date: 2014-04-22 Articles: 47	<b>n.6: Complete</b> Pub Date: 2014-05-28 Articles: 51	<b>n.7: Incomplete</b> Pub Date: 2014-06-24 Articles: 4	<b>n.8: Complete</b> Pub Date: 2014-08-01 Articles: 54	<b>n.9: Complete</b> Pub Date: 2014-08-28 Articles: 56	<b>n.10: Complete</b> Pub Date: 2014-09-25 Articles: 55	<b>n.11: Incomplete</b> Pub Date: 2014-10-22 Articles: 1	<b>n.12: Complete</b> 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, and a welcome message for Amy Kirchhoff. Below this is a header with tabs: ELECTRONIC JOURNALS, ELECTRONIC BOOKS (highlighted with a yellow arrow), PUBLISHERS, and REPORTS. A secondary navigation bar contains letters A-Z and 'Other'. The main content area is titled 'Dashboard' and includes a search bar with 'Search Publication Titles &:' and a 'SEARCH' button. Below the search bar are radio buttons for 'Journal Titles', 'Book Titles', and 'All Metadata'. The main list of books is displayed, with each entry showing the title, author, ISBN, DOI, and Portico Content Set. Each book entry has a set of links: 'Table of Contents', 'Additional Information', 'PDF', 'Preservation Information', 'Tree View', 'PMD', and 'XML'. The books listed include 'The Homeless Movement in Tokyo 1994-2002', 'ständiger Verdross und viele Verletzungen.', '... dem Kaiser Treue und Gehorsam ...', '... nach Vorschlägen der Vaterländischen Front', 'A Mirror for Magistrates" and the Politics of the English Reformation', 'A Mutual Responsibility and a Moral Obligation', and 'A Rich Spot of Earth'.

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

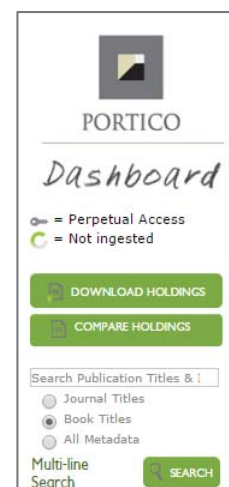
There are a number of reports available on the Reports page, including facts and figures, archive growth, XLSX files listing preserved books, journals and digital collections.

# 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”:

PORTICO			
Dashboard			
<p><input type="radio"/> = Perpetual Access <input type="radio"/> = Not ingested</p> <p>DOWNLOAD HOLDINGS</p> <p>COMPARE HOLDINGS</p> <p>pulmon</p> <p><input checked="" type="radio"/> Journal Titles <input type="radio"/> Book Titles <input type="radio"/> All Metadata</p> <p>Multi-line Search <input type="button" value="SEARCH"/></p>			
Journal	ISSN	Publisher	
<input type="radio"/> <a href="#">Advances in Pulmonology</a>	23147776	<a href="#">Hindawi Publishing Corporation</a>	
<input type="radio"/> <a href="#">BMC Pulmonary Medicine</a>	14712466	<a href="#">BioMed Central</a>	
<input type="radio"/> <a href="#">Cardiopulmonary Physical Therapy Journal</a>	15417891	<a href="#">Wolters Kluwer Health</a>	
<input type="radio"/> <a href="#">Case Reports in Pulmonology</a>	20906846, 20906854	<a href="#">Hindawi Publishing Corporation</a>	
<input type="radio"/> <a href="#">Clinical Pulmonary Medicine</a>	10680640	<a href="#">Wolters Kluwer Health</a>	
<input type="radio"/> <a href="#">COPD: Journal of Chronic Obstructive Pulmonary Disease</a>	15412563, 15412555	<a href="#">Informa Healthcare</a>	
<input type="radio"/> <a href="#">Current Opinion in Pulmonary Medicine</a>	15316971, 10705287	<a href="#">Wolters Kluwer Health</a>	
<input type="radio"/> <a href="#">Current Pulmonology Reports</a>	21992428	<a href="#">Springer</a>	
<input type="radio"/> <a href="#">ISRN Pulmonology</a>	20905777, 20905769	<a href="#">Hindawi Publishing Corporation</a>	
<input type="radio"/> <a href="#">Journal of Aerosol Medicine and Pulmonary Drug Delivery</a>	19412711, 19412703	<a href="#">Mary Ann Liebert, Inc.</a>	
<input type="radio"/> <a href="#">Journal of Bronchology &amp; Interventional Pulmonology</a>	19488270, 19446586	<a href="#">Wolters Kluwer Health</a>	
<input type="radio"/> <a href="#">Journal of Cardiopulmonary Rehabilitation and Prevention</a>	1932751X, 19327501	<a href="#">Wolters Kluwer Health</a>	
<input type="radio"/> <a href="#">Pediatric Allergy, Immunology, and Pulmonology</a>	2151321X, 21513228	<a href="#">Mary Ann Liebert, Inc.</a>	
<input type="radio"/> <a href="#">Pediatric Pulmonology</a>	10990496, 87556863	<a href="#">John Wiley &amp; Sons, Inc.</a>	
<input type="radio"/> <a href="#">Pulmonary Circulation</a>	20458932, 20458940	<a href="#">Medknow Publications and Media</a>	
<input type="radio"/> <a href="#">Pulmonary Medicine</a>	20901844, 20901836	<a href="#">Hindawi Publishing Corporation</a>	
<input type="radio"/> <a href="#">Pulmonary Pharmacology</a>	09520600	<a href="#">Elsevier</a>	
<input type="radio"/> <a href="#">Pulmonary Pharmacology &amp; Therapeutics</a>	10945539	<a href="#">Elsevier</a>	

## Searching book titles for “spina bifida”:



ELECTRONIC JOURNALS
ELECTRONIC BOOKS
PUBLISHERS
REPORTS

PORTICO

All 0-9 A B C D E F G H I J K L M N O P Q R S T U

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☐ Journal Titles  
☒ Book Titles  
☐ All Metadata

Multi-line Search

SEARCH

Title

Living with Spina Bifida

ADRIAN SANDIER, Peter Bedick (30 November 2009)  
ISBN: 9780807855478, 9781469604626, 1469604620  
DOI: 10.5149/9780807867860\_sandler  
Portico Content Set: Ncarolina E-Books  
Portico Item ID: ark:/27927/pbd8zg6kk4  
Table of Contents | Additional Information | PDFs | Preservation Information | Tree View | PMD | XML

Living with Spina Bifida

Adrian Sandler, M.D. (20040315)  
ISBN: 0807855472, 9780807855478  
DOI: 10.5149/9780807867860\_sandler  
Portico Content Set: OUP E-Books  
Portico Item ID: ark:/27927/pbd16vcccgw  
HTML | Preservation Information | Tree View | PMD | XML

Living with Spina Bifida: A Guide for Families and Professionals

Sandler, Adrian (2004)  
ISBN: 9781469604626, 1469604620, 9780807855478  
Portico Content Set: Project MUSE E-Books  
Portico Item ID: ark:/27927/pbd939sr7s  
Table of Contents | Additional Information | PDFs | Preservation Information | Tree View | PMD | XML

The China-US Partnership to Prevent Spina Bifida

Deborah Kowal (2015)  
ISBN: 9780826520289, 0826520286  
Portico Content Set: Project MUSE E-Books  
Portico Item ID: ark:/27927/pbd1krv3h9j  
Table of Contents | Additional Information | PDFs | Preservation Information | Tree View | PMD | XML

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  
Portico Content Set: Springer E-Books  
Portico Item ID: ark:/27927/pbdsp5497m  
Table of Contents | Additional Information | PDFs | Preservation Information | Tree View | PMD | XML

## Searching all metadata for “spina bifida”:

HOME

CONTACT US

GLOSSARY

WELCOME Amy Kirchhoff (Librarian-test), you are logged in as a Librarian

LOGOUT

ELECTRONIC JOURNALS

ELECTRONIC BOOKS

PUBLISHERS

REPORTS

PORTICO

Dashboard

Perpetual Access

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DOWNLOAD HOLDINGS

COMPARE HOLDINGS

spina bifida

Journal Titles

Book Titles

All Metadata

Multi-line Search

SEARCH

Search Results

spina bifida

Title

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

Portico Item ID: ark:/27927/pgf54qz1p0

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

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

Portico Item ID: ark:/27927/pgf54v16qg

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

O1-1 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

Portico Content Set: ISSN\_10903798, (Elsevier)

ISSN: 10903798

Portico Item ID: ark:/27927/pgf76xt3nk

PDF | Additional Information | Preservation Information | Tree View | PMD | XML

A case of spina bifida with ocular manifestations

Necip Kara, Ahmet Taylan Yazici, Hali Ibrahim Demirkale, Ercument Bozkurt, Mehmet Çakır, 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

Portico Item ID: ark:/27927/pgf7bc22k3

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

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

Portico Item ID: ark:/27927/pgf8bx5dfs

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

Quality of life in individuals with spina bifida: A research update

Kathleen J. Sawin, 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

PDF | Additional Information | Preservation Information | Tree View | PMD | XML

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

Portico Item ID: ark:/27927/pgf8fxbj2s

PDF | Additional Information | Preservation Information | Tree View | PMD | XML

Portico Dashboard Manual for Librarians

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Portico also provides a multi-line search. This search form allows you to enter multiple sets of keywords, one set per line. It is useful if you want to look up a list of titles. For example, you could enter a multi-line keyword search across journal titles like this:

### Multi-line Search

You may use this form to search for multiple journal titles or book titles at once. Simply put the text or ISSN for each title for which you are searching on a line by itself. For example:  
3d  
macromolecular

Your search results will provide a list of all titles that contain 3d or macromolecular.

13627937  
textile  
pulmon

☒ Journal Titles
☐ Book Titles
☐ All Metadata

Title

SEARCH

And it would produce the following results, which include all journal titles with the text “pulmon” in the title plus all journal titles with ISSN “13627937” plus all journal titles with the text “textile” in the title:

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☒ Journal Titles
☐ Book Titles
☐ All Metadata

Multi-line Search

SEARCH

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

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T

U

V

W

X

Journal	ISSN	Publisher
<a href="#">Advances in Pulmonology</a>	23147776	<a href="#">Hindawi Publishing Corporation</a>
<a href="#">BMC Pulmonary Medicine</a>	14712466	<a href="#">BioMed Central</a>
<a href="#">Cardiopulmonary Physical Therapy Journal</a>	15417891	<a href="#">Wolters Kluwer Health</a>
<a href="#">Case Reports in Pulmonology</a>	20906846, 20906854	<a href="#">Hindawi Publishing Corporation</a>
<a href="#">Clinical Pulmonary Medicine</a>	10680640	<a href="#">Wolters Kluwer Health</a>
<a href="#">Clothing and Textiles Research Journal</a>	0887302X, 19402473	<a href="#">SAGE Publications</a>
<a href="#">COPD: Journal of Chronic Obstructive Pulmonary Disease</a>	15412563, 15412555	<a href="#">Informa Healthcare</a>
<a href="#">Current Opinion in Pulmonary Medicine</a>	15316971, 10705287	<a href="#">Wolters Kluwer Health</a>
<a href="#">Current Pulmonology Reports</a>	21992428	<a href="#">Springer</a>
<a href="#">Fashion and Textiles</a>	21980802	<a href="#">Springer</a>
<a href="#">Geotextiles and Geomembranes</a>	02661144	<a href="#">Elsevier</a>
<a href="#">Gothic Studies</a>	13627937, 2050456X	<a href="#">Manchester University Press</a>
<a href="#">IEEE Textile, Fiber and Film Industry Technical Conference, Proceedings of the</a>	10493328	<a href="#">IEEE, Inc.</a>
<a href="#">ISRN Pulmonology</a>	20905777, 20905769	<a href="#">Hindawi Publishing Corporation</a>
<a href="#">ISRN Textiles</a>	23146389	<a href="#">Hindawi Publishing Corporation</a>
<a href="#">Journal of Aerosol Medicine and Pulmonary Drug Delivery</a>	19412711, 19412703	<a href="#">Mary Ann Liebert, Inc.</a>
<a href="#">Journal of Bronchology &amp; Interventional Pulmonology</a>	19488270, 19446586	<a href="#">Wolters Kluwer Health</a>
<a href="#">Journal of Cardiopulmonary Rehabilitation and Prevention</a>	1932751X, 19327501	<a href="#">Wolters Kluwer Health</a>
<a href="#">Journal of Industrial Textiles</a>	15308057, 15280837	<a href="#">SAGE Publications</a>

Portico Dashboard Manual for Librarians

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# Any Questions?

Just contact Portico user support at [support@portico.org](mailto:support@portico.org) with any questions or comments.