
OA Scholarly Publishing with the Texas Digital Library

UT LIBRARIES' OPEN ACCESS WEEK

OCTOBER 24, 2013



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Open Access at UT



OPEN International ACCESS WEEK 2013



4-6pm, Monday, October 21st
Perry-Castañeda Library, 1.124
Wikipedia Editathon

12-1:30pm, Tuesday, October 22nd
Student Activity Center, Room 2.302
Open Access & The University
(Panel Discussion)

OPEN  ACCESS



12:30-1:30pm, Wednesday, October 23rd
Student Activity Center, Room 1.118
Open Educational Resources
Past, Present, Future

6-9pm, Thursday, October 24th
Fine Arts Library, Room 3.200
Open Access Week Film Screening
RIP: A Remix Manifesto



12-1pm, Friday, October 25th
Student Activity Center, Room 1.118
Open Access Scholarly Publishing
with The Texas Digital Library

All events free and open to the public. Food and drinks supplied, while they last.
For more information, visit blogs.lib.utexas.edu/oaw.

 University of Texas Libraries

Access is not a new concern.



I want a poor student to have the same means of indulging his learned curiosity, of following his rational pursuits, of consulting the same authorities, of fathoming the most intricate inquiry as the richest man in the kingdom, as far as books go...

- Anthony Panizzi, Principal Librarian of the British Library, 1856-66

OPEN ACCESS

Open Access literature is **digital, online, free of charge**, and free of most copyright and licensing restrictions.

What makes it possible is the **internet** and the **consent** of the author or copyright-holder.

-Peter Suber. "A Very Brief Introduction to Open Access." 2004 <http://www.earlham.edu/~peters/fos/overview.htm>



The Texas Digital Library is a *consortium of libraries* that works together to support *greater access* to the riches of Texas academic institutions.



More Open Access definitions

Green Open Access = self-archiving of research in an Open Access repository

Gold Open Access = publishing in Open Access journals



Taking the Gold Road

An Open Access journal is one that....

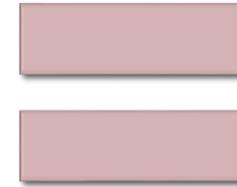


- Lets the author(s) retain copyright
- Uses a funding model that does not charge readers for access (i.e. no subscriptions)

Open Access journals

Some examples...





Online is cheaper and faster than print.

Between 1986-2007, journal expenditures increased by 340%.

Research libraries buy fewer journals (and books too).

Research doesn't get disseminated as quickly it could.

The old system needs changing.



“...Academic publishers have inverted their whole purpose for being; **they used to be vehicles for the dissemination of knowledge** in the most efficient way possible.

Today they are useless **choke points** in the distribution of knowledge...”

- Peter Ludlow. “Aaron Schwarz Was Right” Chronicle Review. February 25, 2013
<http://chronicle.com/article/Aaron-Swartz-Was-Right/137425>.

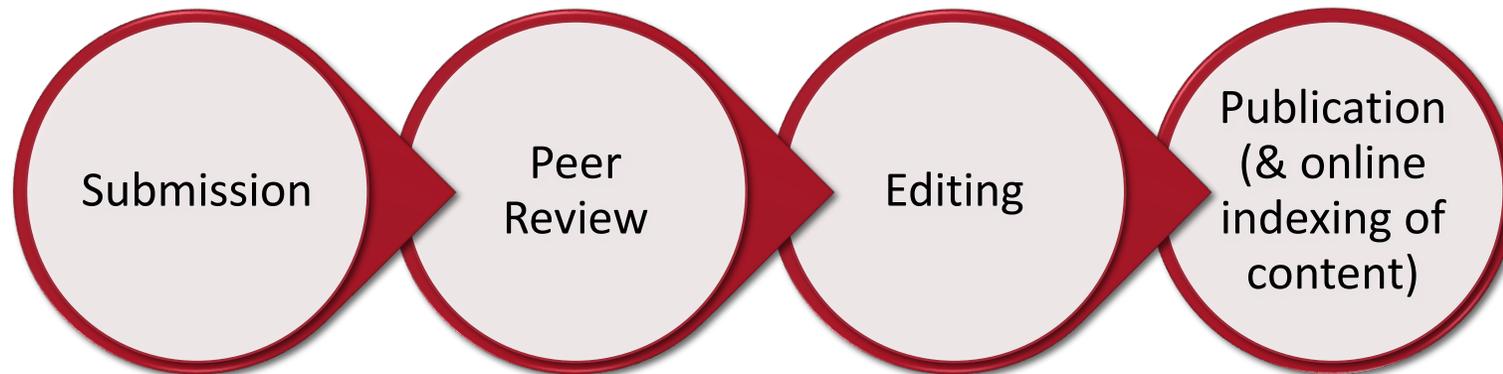
Scholarly Publishing at TDL

Platforms for Open Access Publishing by faculty

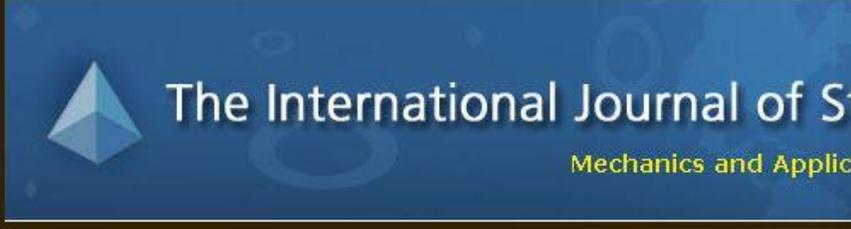
- End users are faculty and researchers
- TDL technical support available directly to faculty
- TDL works through and with local librarians to promote and support

Open Journal Systems

- More than 6,500 installations worldwide
- Assists with every stage of the refereed publishing process



Open Journal Systems



The International Journal of Solids Structures
Mechanics and Applications

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VOL 5 (2013)

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ARTICLES

Modeling bending response of shape memory alloy wires/beams under superelastic conditions - A two species thermodynamic Preisach approach
Ashwin Rao

ISSN: 2163-8160

MODELING BENDING RESPONSE OF SHAPE MEMORY ALLOY WIRES/BEAMS UNDER SUPERELASTIC CONDITIONS - A TWO SPECIES THERMODYNAMIC PREISACH APPROACH

Ashwin Rao

ABSTRACT

In this paper, a model to capture the pure bending response of shape memory alloys (SMA) beams/wires under superelastic conditions is constructed by combining thermodynamics principles along with preisach models. The model is formulated directly using experimentally measurable quantities "Bending Moment and Curvature" rather than evaluating the same from stress resultants by integration as commonly followed in literature. Following Doraiswamy et al. (2011), the key idea here is in separating the elastic and the dissipative part of the hysteretic response with a Gibbs potential based formulation and thermodynamic principles. The preisach model is then employed in capturing the dissipative part of the entire thermoelastic response. Such an approach can simultaneously include both thermal and mechanical loading in the same framework and one can easily simulate complex temperature dependent superelastic responses. The model results are compared with experiments performed on SMA wires/beams at different temperatures as reported in the literature for NiTi and CuZnAl material systems.

Full Text: PDF

Modeling bending response of shape memory alloy wires/beams under superelastic conditions - A two species thermodynamic Preisach approach	PDF
<i>Ashwin Rao</i>	1-26



STEP 1. STARTING THE SUBMISSION

1. START 2. UPLOAD SUBMISSION 3. ENTER METADATA 4. UPLOAD SUPPLEMENTARY FILES 5. CONFIRMATION

Encountering difficulties? Contact Sivakumar M. Srinivasan for assistance (0091-44-22574061).

SUBMISSION CHECKLIST

Indicate that this submission is ready to be considered by this journal by checking off the following (comments to the editor can be added below).

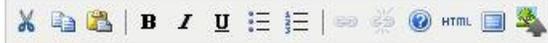
- The submission has not been previously published, nor is it before another journal for consideration (or an explanation has been provided in Comments to the Editor).
- The submission file is in Microsoft Word, PDF, RTF, or WordPerfect document file format.
- Where available, URLs for the references have been provided.
- The text is single-spaced; uses a 12-point font; employs italics, rather than underlining (except with URL addresses); and all illustrations, figures, and tables are placed within the text at the appropriate points, rather than at the end.
- The text adheres to the stylistic and bibliographic requirements outlined in the Author Guidelines, which is found in About the Journal.
- If submitting to a peer-reviewed section of the journal, the instructions in Ensuring a Blind Review have been followed.

JOURNAL'S PRIVACY STATEMENT

The names and email addresses entered in this journal site will be used exclusively for the stated purposes of this journal and will not be made available for any other purpose or to any other party.

COMMENTS FOR THE EDITOR

Enter text (optional)



Online submission of manuscripts

5-step process for submission

Open Journal Systems

Submission

Authors Angel Clemons, Tyler Goldberg 
Title External Reviews Within the Context of the Library Faculty Promotion and Tenure Process
Section Articles
Editor ojsadmin 
Review Version [24-65-1-RV.DOCX](#) 2013-02-25 [ENSURING A BLIND REVIEW](#)
Upload a revised Review Version
Supp. files None

Peer Review

Round 1

[SELECT REVIEWER](#)

[VIEW REGRETS, CANCELS, PREVIOUS ROUNDS](#)

Reviewer A

January Jones

Review Form

Charter Schools

REQUEST

UNDERWAY

DUE

ACKNOWLEDGE

2013-07-09

2013-09-02

[2013-08-06](#)



Recommendation

Accept Submission 2013-09-02

Uploaded files

None

Reviewer B

Jon Hamm

[CLEAR REVIEWER](#)

Review Form

None / Free Form Review

[SELECT REVIEW FORM](#)

REQUEST

UNDERWAY

DUE

ACKNOWLEDGE



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[2013-08-06](#)



Editor Decision

Select decision

Decision

Accept Submission 2013-07-09

Notify Author

 Editor/Author Email Record  2013-07-09

Editorial workflow management

- Peer review
- Copyediting
- Proofreading
- Support for indexing with CrossRef and others



Key features of OJS

- OJS facilitates peer review
- OJS helps track usage
- OJS helps content get found
- OJS accommodates multiple OA models

TDL's online journal service

TDL RESPONSIBILITIES

- Hosted OJS installation
- Maintenance, upgrades, trouble-shooting
- Helpdesk
- Training

USER RESPONSIBILITIES

- Editorial policy-making and oversight
- Notification of major changes
- Registration of journal with external indexers (CrossRef, e.g.)
- Maintenance of an Open Access policy

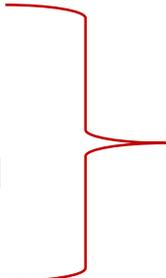
Open Journal Systems at TDL

Economic Advantages

- No printing and mailing costs.
- Costs associated with OA journals = peer review, manuscript prep, and hosting.

Quality Advantage

- Improves administration and record-keeping
- Enables collaboration regardless of physical location
- Editors can spend time with the content instead of managing the journal
- Immediate full-text indexing with Google, Google Scholar, Yahoo, etc.



TDL takes on the cost of hosting and provides tools for reducing costs of peer review and manuscript prep.

Open Conference Systems

Online conference management and publishing software

About the 2013 Texas Conference on Digital Libraries

The 2013 Texas Conference on Digital Libraries was held May 7-8, 2013, in Austin, Texas.

TCDL covers topics relevant to the creation, promotion, and preservation of research, scholarship, and cultural heritage digital materials. The goal of TCDL 2013 is to bring together those working on library-related digital projects -- including outreach librarians, repository managers, cataloguers, technical staff, and others -- in order to build a practical, usable and sustainable model for digital libraries.

- [Overview](#)
- [Program](#)



Presentations and Authors

Title contains Search

Last name [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](#) [All](#)

Track:

General Presentations

[Preserving the Image of Fandom: The Sandy Hereld Digitized Media Fanzine Collection at Texas A&M University](#)

Jeremy Brett

[Visualizing metadata](#)

Violeta Ilik

[It's a Big World After All ...the pitfalls of digitizing and describing a linguistics project by non-linguists](#)

Ramona Holmes, Krystal Schenk

[The Austin Fanzine Project: Phase Two](#)

Jennifer Hecker, Kevin Powell

[How to Rock the Planning Process for your Next Digital Library Web Project](#)

Rachel Vacek, R. Niccole Westbrook

[From Custody to Collaboration: The Post-Custodial Archival Model at the University of Texas Libraries](#)

Kent Norsworthy, T-Kay Sangwand

[PRESENTATION](#)

[PRESENTATION](#)

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Nancy McGovern, Head of Curation and Preservation Services at MIT, as the keynote speakers

...vation Services at MIT Libraries since February 2012. She was formerly the Digital Preservation ensuring long-term access to the digital and physical assets of the Libraries and developing digital content. Before MIT Libraries, she was the Digital Preservation Officer (DPO) and a m for Political and Social Research (ICPSR), a social science data archive at the University of

...e project director for the DuraCloud project and provides overall leadership for all DuraSpace [Digital Preservation Pioneer](#) by the NDIPP program at the Library of Congress and is also

...has closed. If you have questions about your registration, please contact Kristi Park at



WordPress

Hosted websites and blogs

RCN CE3SAR

A research coordination network for climate, energy, environment and engagement in semi-arid regions



The Hoccleve Archive

Resources for Scholars, Teachers, and Students Interested in Thomas Hoccleve, his Works, and their Textual History



[Educate](#) [Conferences](#) [Repository](#) [Redmine](#) [Archives](#)

Recent Posts

- [Baylor's Sustainability Practices Recognized by Sierra Club's 'Cool Schools' List](#)
- [In Its Newest Ranking, Texas A&M Cited as a 'Cool School'](#)
- [National Sustainability Rating System Certifies Eight New Landscape Projects](#)

Categories

- [Blog](#)

energy, Environment and South Texas sustainability model for conducting tied to the needs of highly-

Support services

Helpdesk

- First line support for librarians and faculty users
- Available by phone, email, and web form

Systems Administration

- Installation
- Upgrades
- Maintenance
- Configuration

Training

- In person and/or on-demand training on all technology services
- Training on special topics (e.g. Copyright, Metadata)

Vireo

Managing the life cycle of Electronic Theses and Dissertations (ETDs)

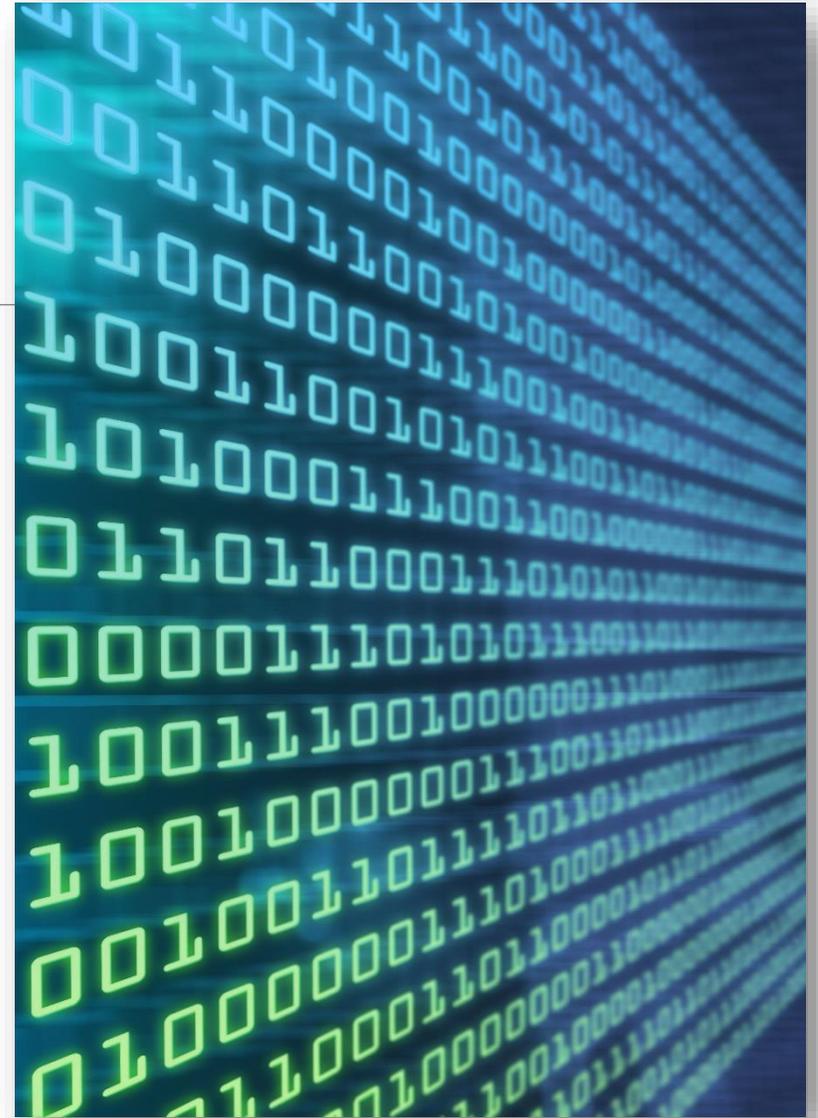


Data Management

Data Management Working Group (late fall 2013)

Existing Resources:

- DSpace
- Texas Advanced Computing Center
- DuraCloud



Reality Check: Promotion & Tenure



Quality Concerns

So why publish OA?

- Scam journals exist, but highly respected OA journals exist, too.
- You make it better!
- You may (or may not) increase your citations.
- It's happening.

Open Access Policies



2008 – NIH Public Access Policy requiring recipients of NIH funding to make all resulting peer-review journal articles publicly accessible within 1 year.



2011 - NSF Data Management Planning Mandate

2013 - White House Policy Directive: mandates public access to the products of funded research

SHARE – higher ed proposal (ARL, AAU, and APLU)

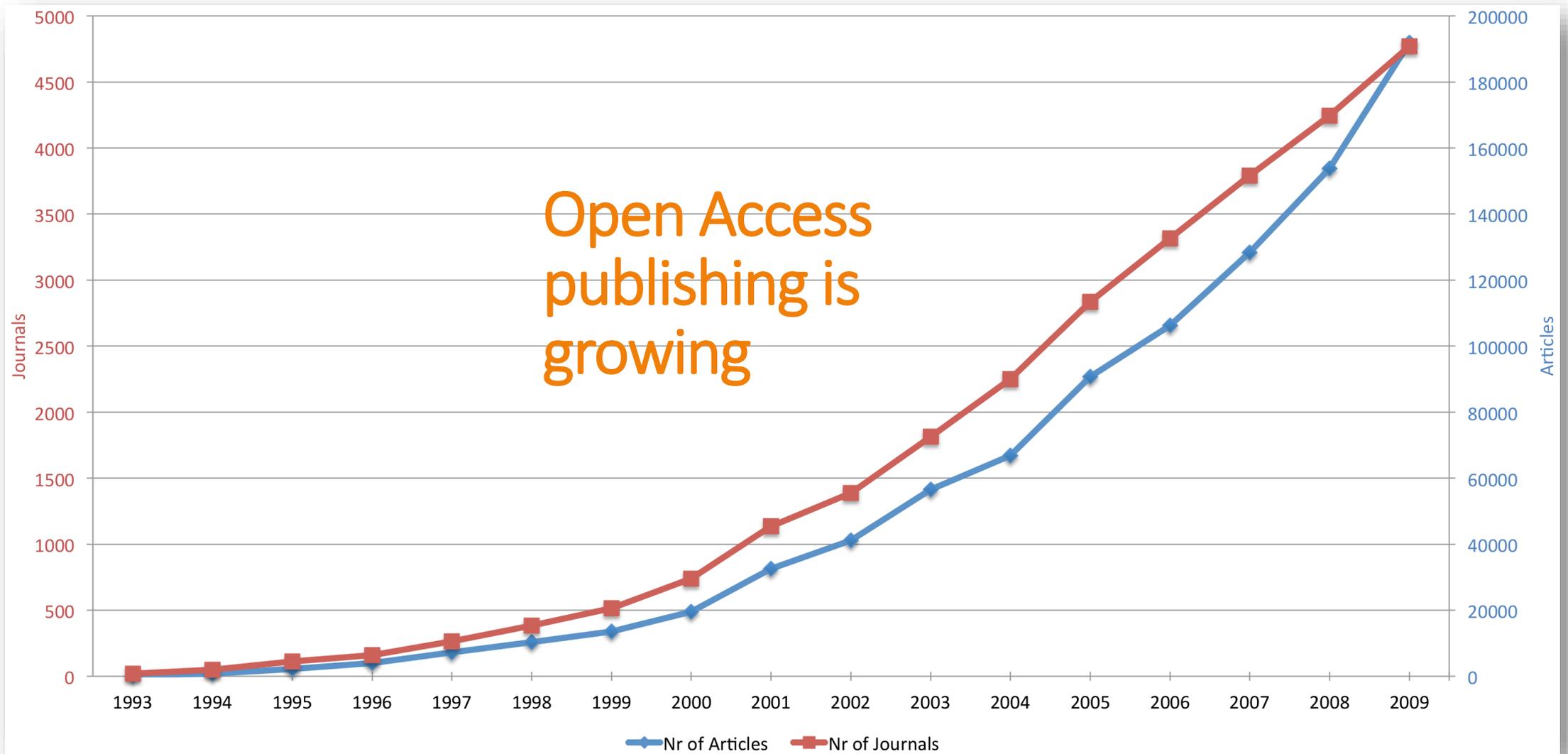
CHORUS – publisher group proposal



Office of Science and Technology Policy



The development of open access publishing 1993–2009.



Contact Us

Questions about online publishing services? Email us at: info@tdl.org

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