

Putting Open Access into Interlibrary Loan

Joe Mcarthur - [@mcarthur_joe](https://twitter.com/mcarthur_joe)
Joe@openaccessbutton.org

Director, Open Access Button.

Assistant Director, Right to Research Coalition.

SPARC

Get the slides

openaccessbutton.org/cni

With bonus content, further reading & a handout.



In this talk

- Context & thanks
- What is the Open Access Button?
- Sneak Peek: Our work on ILL
- What's next?

About me & the Open Access Button

Me:

- Started as a student frustrated by paywalls.
- Co-founder, Open Access Button. Assistant Director of Right to Research Coalition. Organizer for OpenCon.

Open Access Button:

- Builds a family of community-owned tools that catalyse an open future. We help librarians increase their campus's access to research, without needing a bigger budget.
- Non-profit, Open Source, community-owned, Supported by SPARC (a coalition of academic libraries).



Thank you to...

- Krystie at Bates University, Sarah at Centennial College, and many at Trinity & EIFL for help with EmbedOA
- Renee at University of Virginia, Chris at Huddersfield, and Kenny at York for help with DeliverOA
- Imperial College London for the inspiration and support
- Our case study institutions
- Several dozen of libraries around the world who have given comments & taken my calls
- Jisc (for \$\$\$)
- SPARC (for incubation)
- Cottage Labs (our developers)
- Our team, past & present

~~Some~~ Many disclaimers

- We think ILL is a wonderful, immensely powerful system
- You all know much more about ILL than me
- I'm here to listen & learn
- I'm not a librarian (but I work for you, and co-develop with you)
- We're experimenting, exploring, and improving

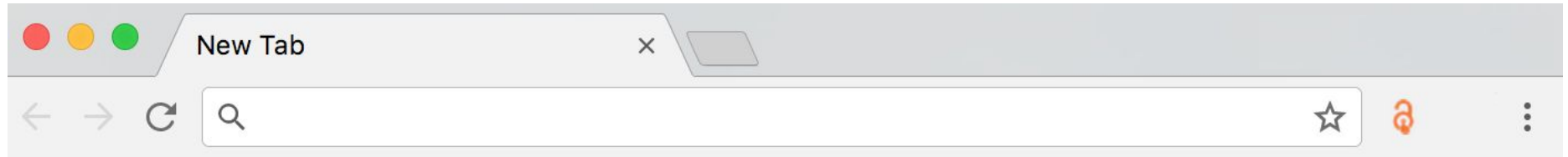
What is the Open Access Button?

We make free, fast, legal tools and services that take you from a paywall to a free alternative in one click. If we can't, we'll try and make the article open access for you.

About the content we find

- Also known as “green Open Access”, author uploaded manuscripts or self-archived Open Access. Usually found in repositories.
- Articles in repositories are often extremely similar to their journal equivalents.
- We find “hybrid” articles (free articles in paid-for journals)
- Self-archived versions can be hard to find, we make it easy.
- We find articles from 5000+ repositories & “hybrid” articles.
- We don't use Researchgate & Academia.edu

Using the (new) Open Access Button



Click here on any scholarly article.

We will either take you to an Open Access version, or start a request to an author for you in a single click.

Try it here:

openaccessbutton.org/plugin_v4

← → ↻ ⓘ Not Secure www.tandfonline.... ☆ 🔒 ⋮

 Log in | Register 

Journal
Philosophical Magazine >
Volume 96, 2016 - Issue 21

89 0 0
Views CrossRef citations Altmetric

Part A: Materials Science

A study on the effect of stress state on damage evolution in hot deformation of free cutting steels using double notched bars

E. Kardoulaki, J. Lin, D. Balint  & D. Farrugia

Pages 2176-2203 | Received 23 Jun 2015, Accepted 16 Apr 2016, Published online: 27 Jun 2016

 Download citation

 <http://dx.doi.org/10.1080/14786435.2016.1181280>

 Check for updates

Open Access Button: Article Available

- Click on any article, or put a url, doi or title into the homepage search box.
- Available for all major browsers. Use from the homepage or download the plugin in a click.
- Doesn't use Researchgate & Academia.edu



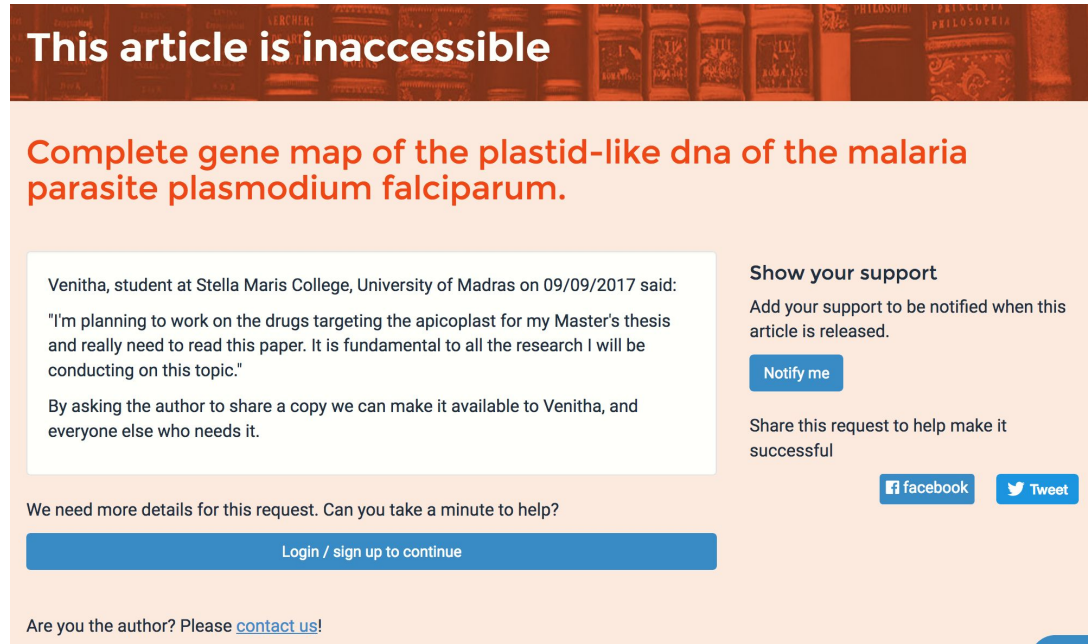
The screenshot shows a web browser window with the URL journals.sagepub.com/doi/.... The page header includes the Sage Journals logo and navigation icons. A large banner with the word "SIMULATION" is visible. Below the banner, the article title is "Causal factors of low stakeholder engagement: a survey of expert opinions in the context of healthcare simulation projects". The authors listed are Mohsen Jahangirian, Simone Borsci, and Syed Ghulam Sarwar Shah, with a "Show all authors" link. The article is dated "First Published April 23, 2015" and is a "Research Article". At the bottom, there are icons for PDF, information, Altmetric (with a count of 1), and an Open Access Button (a green padlock icon).

Open Access Button: Article Not Available

- When an article is unavailable, you're automatically invited to request it from and author.
- All you do is say why you want the article and sign in
- You'll get email updates on the progress of your request.
- If the author shares it with you, everyone else who needs it will be able to access it.
- Successful about 5% of the time, currently.

How the Open Access Button contacts authors on your behalf

- Checking your story and request (so we don't send spam)
- Finding the author's up to date email address
- Sending authors a friendly message with your name and why you want the article
- Guiding the author on providing a legal copy of their work
- Putting the article in a repository (Zenodo)
- Sharing the article with a user, and anyone else who needs it



This article is inaccessible

Complete gene map of the plastid-like dna of the malaria parasite plasmodium falciparum.

Venitha, student at Stella Maris College, University of Madras on 09/09/2017 said:
"I'm planning to work on the drugs targeting the apicoplast for my Master's thesis and really need to read this paper. It is fundamental to all the research I will be conducting on this topic."

By asking the author to share a copy we can make it available to Venitha, and everyone else who needs it.

Show your support
Add your support to be notified when this article is released.

[Notify me](#)

Share this request to help make it successful

[facebook](#) [Tweet](#)

We need more details for this request. Can you take a minute to help?

[Login / sign up to continue](#)

Are you the author? Please [contact us!](#)

Using the Open Access Button



**Avoid
Paywalls,
Request
Data.**

Free, legal research articles and data delivered instantly or automatically requested from authors.

Enter an article URL, DOI, PMID, PMC ID, Title, or Citation



[Get the extension](#)

[Examples](#)

[How it works](#)

Use this search box to find articles immediately (no installation or sign up)



Open Access Button API

```
post:
  roleRequired: 'openaccessbutton.user',
  action: () ->
    if r = oab_request.get this.urlParams.rid
      r = API.service.oab.own(r._id, this.user)
      n = {}
      if not r.user? and not r.story? and this.request.body.story
        n.story = this.request.body.story
        n.user = id: this.user._id, email: this.user.emails[0].address, username: (this.user.profile?.firstname
          ? this.user.username ? this.user.emails[0].address)
        n.user.firstname = this.user.profile?.firstname
        n.user.lastname = this.user.profile?.lastname
        n.user.affiliation = this.user.service?.openaccessbutton?.profile?.affiliation
        n.user.profession = this.user.service?.openaccessbutton?.profile?.profession
        n.count = 1 if not r.count? or r.count is 0
      if API.accounts.auth 'openaccessbutton.admin', this.user
        n.test ?= this.request.body.test
        n.status ?= this.request.body.status
        n.rating ?= this.request.body.rating
        n.name ?= this.request.body.name
        n.email ?= this.request.body.email
        n.story ?= this.request.body.story
        n.email = this.request.body.email if this.request.body.email? and (
          API.accounts.auth('openaccessbutton.admin', this.user) || not r.status? || r.status is 'help' || r.status
            is 'moderate' || r.status is 'refused' )
        n.story = this.request.body.story if r.user? and this.userId is r.user.id and this.request.body.story?
        n.url ?= this.request.body.url
        n.title ?= this.request.body.title
        n.doi ?= this.request.body.doi
        if not n.status?
          if (not r.title and not n.title) || (not r.email and not n.email) || (not r.story and not n.story)
            n.status = 'help'
          else if r.status is 'help' and ( (r.title or n.title) and (r.email or n.email) and (r.story or n.story)
            )
            n.status = 'moderate'
        oab_request.update(r._id, n) if JSON.stringify(n) isnt '{}'
        return oab_request.get r._id # return how it now looks? or just return success?
      else
        return 404
```

- Documented
- Free
- No sign-up required

Take a peak: openaccessbutton.org/api

How we are putting

OA in ILL

Why we are putting

OA in ILL

We believe the power of ILL systems can be leveraged to dramatically accelerate the awareness, use, and creation of Open Access, all while driving down ILL costs and improving the service.

But... right now

Talking to ~50 universities around the world we found:

- Most ILL systems don't allow easy discovery or delivery of Open Access
- Many ILL staff don't know about Open Access or have to leverage it
- Many ILL staff have concerns about how patrons will respond to fulfilling with Open Access
- Almost no ILL staff use ILL to drive article deposits
- Usually ILL systems are unfriendly (for everyone) to use
- Many ILL systems aren't well integrated on campus
- Many campuses suggest their patrons search for an Open Access copy before submitting an ILL - but don't say how

DeliverOA

Wipe 5% off your ILL budget and delivery times, and discover a new way to advocate for Open Access, today. No complex installation, no training required.

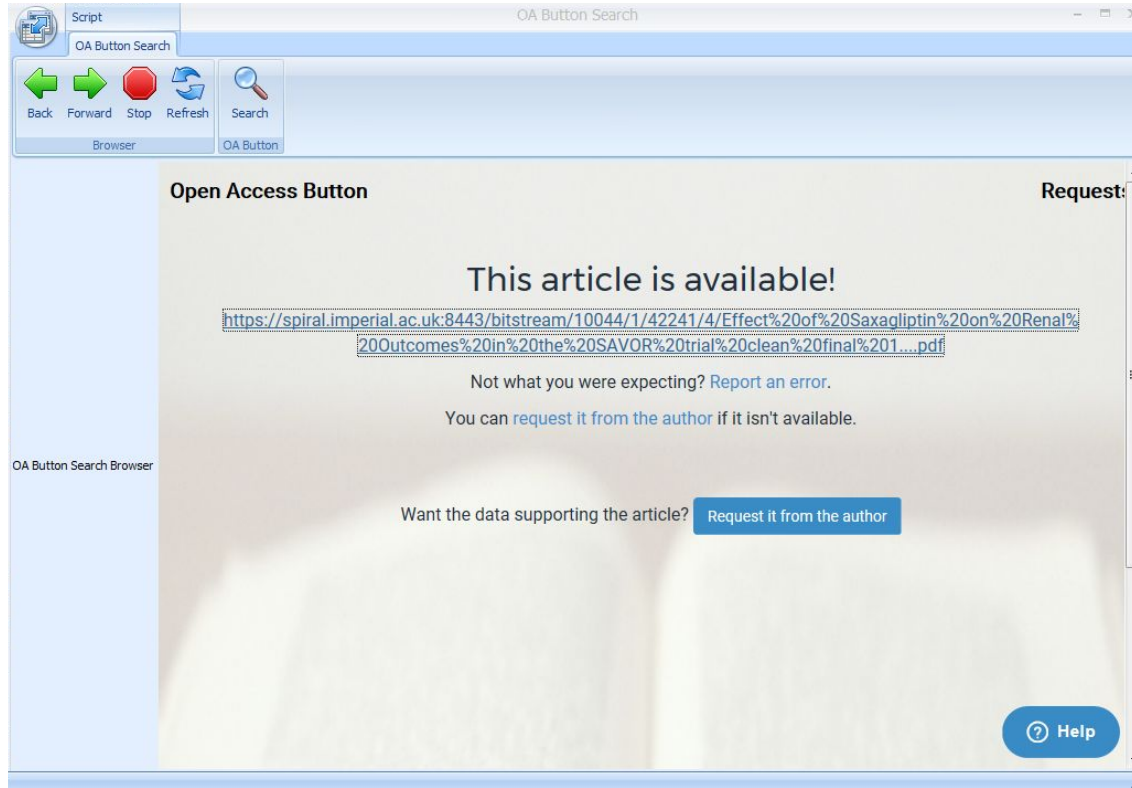
Millions of articles behind paywalls your researchers need can be found Open Access, and we make that easy. We take [self-archived Open Access versions of articles](#) and deliver them inside your ILL workflow.

Get started by choosing your

NEW: Finding OA when processing Interlibrary Loans (ILL)

- Helps ILL staff check for Open Access without changing their workflows
- Provides resources & advice for staff on what to send.
- Works on Alma, Clio, ILLiad & email with more on the way
- Similar to our website & plugin, but honed for ILL staff

DeliverOA: finding OA in Iliad



The screenshot shows a web browser window titled "OA Button Search". The browser's address bar contains the URL: <https://spiral.imperial.ac.uk:8443/bitstream/10044/1/42241/4/Effect%20of%20Saxagliptin%20on%20Renal%20Outcomes%20in%20the%20SAVOR%20trial%20clean%20final%201...pdf>. The main content area displays the text "Open Access Button" at the top left and "Request:" at the top right. The central message reads "This article is available!". Below this, there is a link to "Report an error." and a note: "You can request it from the author if it isn't available." At the bottom, there is a question "Want the data supporting the article?" followed by a blue button labeled "Request it from the author". A "Help" button is visible in the bottom right corner of the content area.

NEW: Add a search bar to your library webpages

Make it easy for your researchers to discover Open Access articles before they make Interlibrary loans or browse your Libguide. No coding skills required.

<http://journals.sagepub.com/doi/abs/10.1177>



This article is available!

<http://journals.sagepub.com/doi/pdf/10.1177/0037549715583150>

NEW: Add a search bar to your library webpages

Make it easy for your researchers to discover Open Access articles while they make Interlibrary loans or browse your Libguide. No coding skills required.

The screenshot shows the Centennial College Libraries website. At the top left is the Centennial College logo. To its right is the navigation text "learn > research > connect" and the word "LIBRARIES" in large blue letters. Below that is the URL "library.centennialcollege.ca". A breadcrumb trail reads "Centennial College Libraries / Library Guides / 6. Special Events & Topics / Open Access / Open Access". The main heading is "Open Access" with a search bar to its right. Below the heading is the text "How to find and use open access resources." There are two columns of content. The left column has a green header "Open Access" and three grey buttons: "Finding OA Resources", "OA Publishing", and "Past Events". The right column has a green header "Open Access Textbooks" and a search bar with the placeholder text "Skip the paywall using a URL, DOI, Title, or Citation".

CENTENNIAL COLLEGE

learn > research > connect

LIBRARIES

library.centennialcollege.ca

Centennial College Libraries / Library Guides / 6. Special Events & Topics / Open Access / Open Access

Open Access

How to find and use open access resources.

- Open Access
 - Finding OA Resources
 - OA Publishing
 - Past Events
- Open Access Textbooks
 - Skip the paywall using a URL, DOI, Title, or Citation

Open Access Textbooks

OAsheet

Give us a spreadsheet of articles, we'll tell you which can be found Open Access

Upload a .csv file, which must have column names including at least one of "url", "doi", "pmid", "pmcid", "title".

Choose file No file chosen

[Examples](#)

Looking for a quick way to report on institutional, funder, and government policies? You'll love our friends at [Latern](#).

Open Access Button is proudly open source on [GitHub](#)

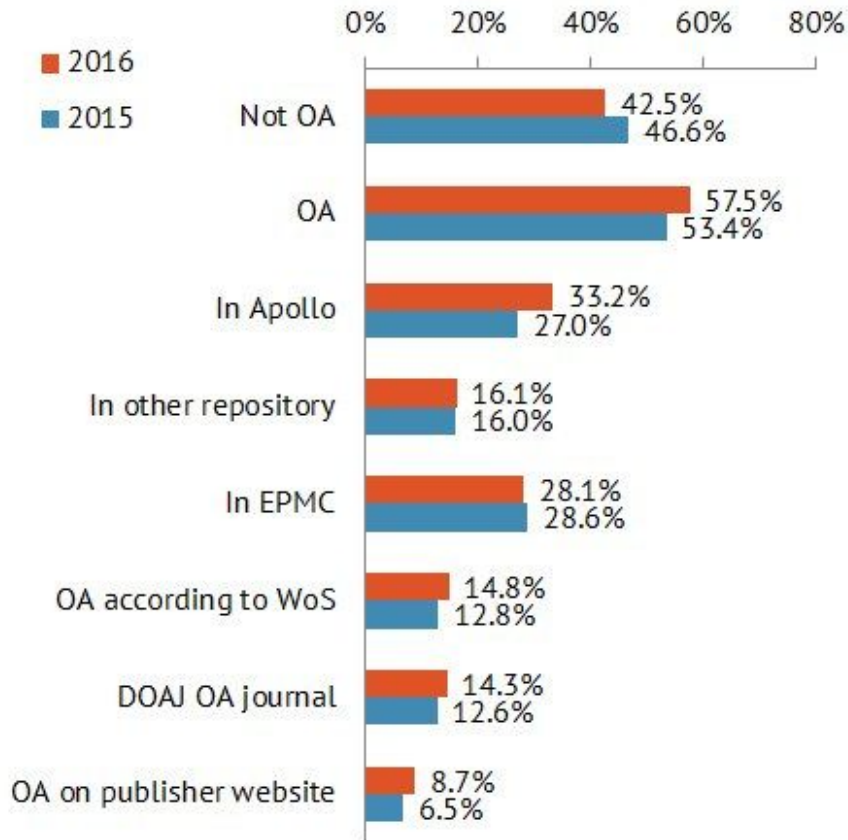
[About](#) [For libraries](#) [API](#) [Bugs](#) [Terms](#)

[? Help](#)

Alpha Release

NEW: Finding OA alternatives for lots of articles at once!

- Upload a spreadsheet with a list of articles, and it does the rest.
- We'll send you a spreadsheet with a list of article we could find Open Access alternatives for.
- Useful to check compliance, find how much of a journal is OA, see how many ILLs you could fill with OA.
- If you're technical: openaccessbutton.org/api or oadoi.org are more powerful.



Hate Compliance? Love Lantern.

Like OAsheet, but checks for much more information.

- Use Lantern to identify who's in & out of compliance. Then, get in touch and we'll help you get people in compliance with the Request System.
- See how the Wellcome Trust uses it: <http://bit.ly/lantern-welcome>
- See how Cambridge University uses it: <http://bit.ly/2B9pUvL>
- Use it for free at: <https://lantern.cottagelabs.com>

Work in progress

- A ILL form with only one box that delivers content instantly.
- Instructions for integrating OA articles into your catalog and link resolver
- An Open Access Button-like tool that combines all your campus delivery options into one tool
- and more...

Ask the library to get you an article

What do you need?

- Journal articles or conference papers
- Books, Chapters, or Theses

Search

Title, Citation, DOI or URL

Open Access Button: For Libraries (with access)

- Could be pre-installed on campus PC's, or patrons could download on personal machines.
- Tested on ALMA and PRIMO. Analysis of other systems suggests that this would work elsewhere too.
- When clicked, the button checks the libraries subscriptions

Note: showing a technical prototype.
More recent versions are prettier but
harder to show on slides.

The image shows a technical prototype of the Open Access Button interface overlaid on a journal article page. The background is the journal 'Translational Medicine' (MAAS), featuring a navigation bar with 'Journals', 'Topics', and 'Careers'. The article title is 'Identifying cytotoxic human induced neural cells for cancer therapy'. The authors listed are Skotlec¹, Raluca Dumitru², Matthew G. Ewend^{1,4}, Joel S. Parker¹, and Ryan Vander W... The article is dated 01 Feb 2017 and has a DOI of 10.1038/ntr.2017.10. A 'Peer Reviewed' badge is visible. The article tools include 'Email', 'Print', 'Alerts', 'Download Powerpoint', 'Save to my folders', and 'Request Permissions'. The Open Access Button overlay is a blue box with a document icon and the text 'Get PDF', 'Accessible via Library Services. Sign in to gain access', and 'Not the right item? Start a request'. It also states 'Powered by Open Access Button and Imperial Library'.

Open Access Button: For Libraries (without access)

- When the library didn't have a subscription, users could still access content with Open Access or make an ILL just by putting in their email.
- The button submits to their ILL system, and staff get good metadata and are told that checks for subscription access and Open Access are done.

Note: showing a technical prototype. More recent versions are prettier but harder to show on slides.

The image shows a technical prototype of the Open Access Button interface overlaid on a journal article page. The background page is from 'Review of Film and Video', issue 114, featuring the article 'The Separate Worlds of David Lynch's *Inland Empire*' by Jonathan Goodwin. The article page includes a search bar, a list of navigation links (Full Article, Figures & data, References, Citations, Metrics, Reprints & Permissions), and a 'Click to increase image size' button. The Open Access Button overlay is a white box on the right side. It has a blue header with the text 'Get PDF' and a red button with a document icon. Below the button, it says 'Request Full PDF through your Library and author'. There is a text input field containing the article title, a 'Submit request' button, and a note: 'By submitting a request you agree to the Terms and Conditions'. At the bottom of the overlay, it says 'Powered by Open Access Button and Imperial Library' and 'Article: Hollywood Narrative and the Play of'.

Requests to authors to make their work open as part of ILL

- Librarians are happy to have all ILLs start requests to authors to make the work Open Access.
- Many happy to have university name associated with requests.
- Expected to see a success rate above our usual requests due to the university brand name.
- Not managed to implement yet due to logistical difficulties. However, these are slowly being overcome.
- Currently rapidly experimenting with different approaches.

Challenges

- Explaining versions (e.g pre-print, post-print, author accepted manuscript) to scholars
- False positives (fixes on the way)
- There isn't enough green OA yet
- Funding to sustain the tools and create better versions
- Integrating Open Access Button author requests into ILL

Stay in the know

openaccessbutton.org/libraries

(big announcements on the way)

Get the slides

openaccessbutton.org/cni

With bonus content, further reading & a handout.



Questions, feedback?

Contact me [@mcarthur_joe](https://twitter.com/mcarthur_joe) or
Joe@openaccessbutton.org

or come and chat to me.