

# The Evolution of WebBridge LR at an Academic Health Sciences Center



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## Who are we?

LSU Health Sciences Center New Orleans

- Six schools
  - Allied Health
  - Dentistry
  - Graduate Studies
  - Medicine
  - Nursing
  - Public Health
- Innovative library since 1997
  - Millennium 2002
  - Sierra 2017





## Our journey to WebBridge LR

Implemented ERM 2007-2008

No previous link resolver

WebBridge LR May 2012

Primarily to link to journal articles





## What is WebBridge LR?

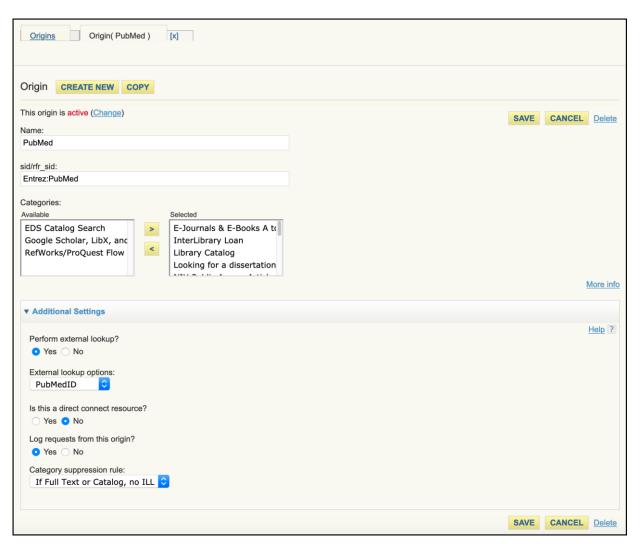
- OpenURL link resolver
  - https://openurl.ebscohost.com/linksvc/linking.aspx?genre=article&issn=#@ISSN-HYPHEN#&title=#@TITLE#&atitle=#@ATITLE#&date=#@DATE#&issue=#@ISSUE#&spage= #@SPAGE#&volume=#@VOLUME#&aulast=#@AULAST#&author=#@AUTHOR#
- Set up origins (databases) in web administration
- Assign linking syntax for resources (publisher sites) in web admin
  - Majority of match points are ISSN and Date
- Coverage load in SDA
  - Yay for ERM!





## Origins: web admin

All	Origins CREATE N	EW				
Вι	ılk Actions 🗘 APP	LY				
	Origin ↑	Categories	Status	SID/Referer		
	AccessEmergency Medicine	Z-E-Journals & E-Books A to Z List (old link no longer used) view all(11)	Active	www. access emergency medicine. mhmedical.com: access emergency medicine	COPY	<u> </u>
	AccessMedicine	Z-E-Journals & E-Books A to Z List (old link no longer used) view all(11)	Active	www.accessmedicine.mhmedical.com:accessmedicine	COPY	<u> </u>
	AccessNeurology	Search the Library Catalog view all(9)	Active	www.neurology.mhmedical.com:accessneurology	COPY	<b><i>I</i> EDIT</b>
	AccessSurgery	Z-E-Journals & E-Books A to Z List (old link no longer used) view all(11)	Active	www.accesssurgery.mhmedical.com:accesssurgery	COPY	<u> </u>
	Article Finder	Z-E-Journals & E-Books A to Z List (old link no longer used) view all(7)	Inactive	articleFinder	COPY	<u> </u>
	BioMed Central	Library Catalog	Inactive	BMC	СОРУ	<b></b> ✓EDIT
	BrowZine	Z-E-Journals & E-Books A to Z List (old link no longer used) view all(7)	Active	BrowZine	COPY	<u> ∕ EDI1</u>
	Cambridge Scientific Abstracts	Library Catalog	Inactive	CSA	COPY	<b>∕</b> EDIT
	ClinicalKey	Search the Library Catalog view all(9)	Active	Elsevier:ClinKey	COPY	<b> ✓ EDIT</b>
	EBSCO	Z-E-Journals & E-Books A to Z List (old link no longer used) view all(11)	Active	EBSCOhost	COPY	<u> </u>
	EBSCO EDS Catalog	Search the Library Catalog view all(4)	Active	EBSCO:cat06935a	COPY	<b>∕</b> EDIT
	EBSCO EDS ChemID	Search the Library Catalog	Active	EBSCO:edscdp	COPY	<b> ✓ EDIT</b>
	Plus EBSCO EDS	view all(9) Search the Library Catalog	Active	EBSCO:edscit	COPY	<b> ✓ EDIT</b>
	ClinicalTrials EBSCO EDS Cochrane	view all(9) Search the Library Catalog view all(9)	Active	EBSCO:edschh	COPY	<u> </u>







## Resources: web admin and SDA

Resources Resource(ScienceDirect) [x]						
Resource CREATE NEW COPY						
This resource is active (change)	SAV	ZE CANCEL Delete				
Name:						
ScienceDirect ID: 315						
Description:	Rights Type	- NOT EVALUATED	Package Type	- UNEVALUATED	Termination Date	
CrossRef author/article title search Subscribed titles with coverage loaded for WBLR only	Suppress	n SUPPRESS OPAC	Trial Begin Date		Access Provider	none
Mis.	Resource Code 1		Trial End Date		Publisher	none
Category:  Retrieve this article from:	Resource Code 2		Renewal Date		Copyright Holder	none
	Resource Code 3		Registration Date		Data Provider	none
▼ Link resolver			Activation Date		Consortium	
	· ·	w WBLR	Activation Date		Consortium	none
URL: https://ezproxy.lsuhsc.edu/login?url=https:	Resource Status	- ACTIVE				
//www.crossref.org/openurl?pid=uhsc:uhsc901& aulast=#@AULAST#&atitle=#@ATITLE#	t ScienceDirect	WehBridge				
		enceDirect-titles for	r WR load only			
Display link in link resolver?  Yes No	p ScienceDirect		T WB load only			
Link text:		CrossRef with ISSN	from coverage			
<h3><b>#LinkText#</b></h3>			2006 bulk archives purchase; also used to he	elp resolve odd situations without impacting	coverage loaded un	der main entry (Elsevier Science Limited)
Show coverage dates?			ice & Research Clinical Endocrinology and Met			•
○ Yes • No			99-2000 which is included in coverage load fo			
Data tests:	n Alternate cove	rage for Lancet also	included; Ebscohost databases send ISSN of	0099-5355 which is not the one included in	the main coverage	load
Available Selected	n WBLR linking	syntax: <u>https://ezpr</u>	roxy.lsuhsc.edu/login?url=https://www.cross	ref.org/openurl?pid=uhsc:uhsc901&aulast=	#@AULAST#&atitle=	#@ATITLE#
GenreIsArticle > MatchDATE GenreIsBookItem						
HasATITLE						
HasAUFIRST						
More info						
Show resource if:						
All tests pass    Any test passes						
Match against this resource:						
ScienceDirect WebBridge						



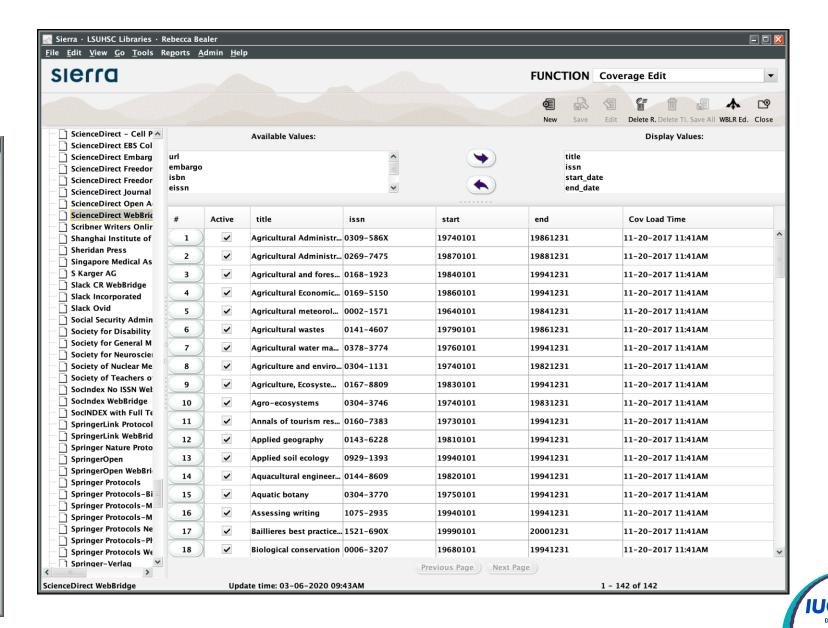


► Filters (0 active)

► Internationalization settings (0 active)

## **Coverage: SDA**

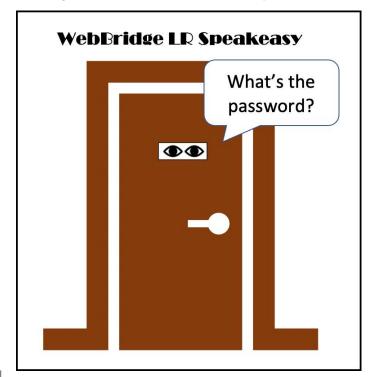
Coverage Edit	✓ Act <u>i</u> ve
title:	Agricultural meteorology
issn:	0002-1571
isbn:	
eissn:	1878-2949
start_date:	19640101
end_date:	19841231
embargo:	
url:	https://ezproxy.lsuhsc.edu/login?url=https://ww
public_note:	
alt_lookup:	
Caption Lvl 1:	
Start Lvl 1:	
End Lvl 1:	
Caption Lvl 2:	
Start Lvl 2:	
End Lvl 2:	
Caption Lvl 3:	
Start Lvl 3:	
End Lvl 3:	
Caption Lvl 4:	
Start Lvl 4:	
End Lvl 4:	
Caption Lvl 5:	
Start Lvl 5:	
End Lvl 5:	
Caption Lvl 6:	
Start Lvl 6:	
End Lvl 6:	
	Last coverage load: 11-20-2017 11:41AM Protected field
	Save Cancel

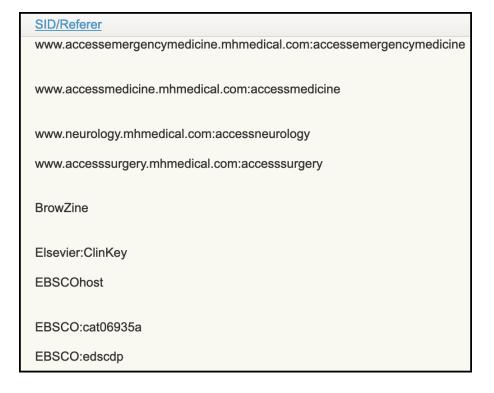




## Initial challenges of WebBridge LR

- Setting up origins
  - Using the "special" link resolver
  - Have you tried to explain what an sid is to someone?









## Origins in WebBridge LR

- BrowZine
- ClinicalKey
- EBSCO Discovery Service Health
- EBSCOhost databases
- EMBASE
- EndNote
- Google Scholar
- LibKey
- McGraw-Hill Access products

- OCLC
- Ovid
- ProQuest databases
- PubMed
- ReadCube
- RefWorks
- Scopus
- Stat!Ref
- Web of Science
- Zotero/Mendeley





## Initial challenges of WebBridge LR

- Setting up origins
  - Using the "special" link resolver
  - Have you tried to explain what an sid is to someone?
- Formatting delivery of links
  - Emphasize subscribed titles







**Division of Libraries** 

WebBridge Link Resolver

Public reporting of discharge planning and rates of readmissions.

Author: Jha, Ashish K. Published in: The New England journal of medicine, v. 361 no. 27, pp. 2637-45 Date: 2009

Retrieve this article from:

Massachusetts Medical Society

**Subscription link offered first** 

If link to article fails, access the journal directly from Massachusetts Medical Society

Resource-specific alternate for DOI lookups

ProQuest Nursing & Allied Health Database

**Secondary source** 

E-Journals & E-Books A to Z List

Search for this journal on the LSUHSC-NO E-Journals & E-Books A to Z List

A to Z List a match only for free sources

Search the Library Catalog

Search the <u>LSUHSC-NO Library Catalog</u> for this journal/book (by title)
Search the <u>LSUHSC-NO Library Catalog</u> for this journal (by ISSN)

**RefWorks Citation Export** 

Export information from this citation to RefWorks

Catalog and RefWorks export always offered



Need help? Email a <u>Reference Librarian</u> or see if the Library is online with <u>live chat</u>. For additional information, see the <u>WebBridge</u> Resource Guide.

Help links part of footer in LR panel





## Initial challenges of WebBridge LR

- Setting up origins
  - Using the "special" link resolver
  - Have you tried to explain what an sid is to someone?
- Formatting delivery of links
  - Emphasize subscribed titles
- Wrangling so many resources
  - "In scope" and "out of scope" titles





## The ERM Legacy

- In scope titles only in catalog
  - However we get lots and lots from packages and consortia purchases
- LR makes <u>everything</u> available
  - How to accomplish this without impacting the catalog?
- Yay for resource records!
  - ERM-only
  - LR-only
  - ERM & LR

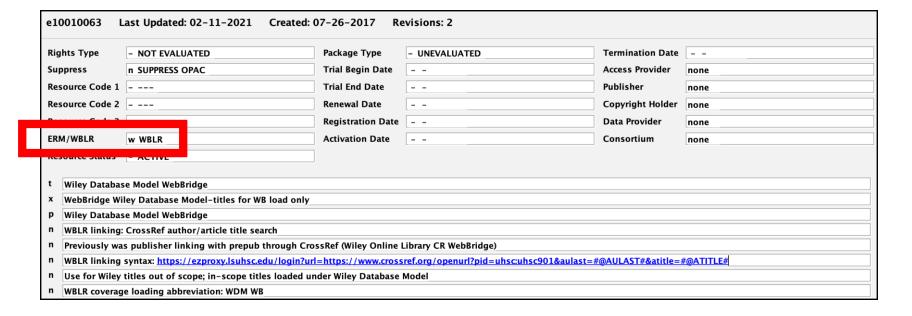




-100100F1   Lord Hockey L. 02, 11, 2021   Constable 7, 20, 2017   Profession 2								
e10010051 Last Updated: 02-11-2021 Created: 07-26-2017 Revisions: 2								
Rights Type	- NOT EVALUATED	Package Type	p PUBLISHER	Termination Date				
Suppress	- DISPLAY	Trial Begin Date		Access Provider	wiley John Wiley & Sons			
Resource Code 1	c CURRENT	Trial End Date		Publisher	wiley John Wiley & Sons			
Resource Code 2		Renewal Date		Copyright Holder	none			
		Registration Date		Data Provider	wiley John Wiley & Sons			
ERM/WBLR	b ERM/WBLR	Activation Date		Consortium	none			
Resource Status	Kesource Status - ACTIVE							
t Wiley Databas	Wiley Database Model							
X Wiley Online I	Wiley Online Library Database Model							
p Wiley Databas	Wiley Database Model							
v E-Journal Col	E-Journal Collection							
b HTML & PDF	hTML & PDF							
b Out of scope	Out of scope titles loaded under Wiley Database Model WebBridge							
y http://onlinel	http://onlinelibrary.wiley.com							
n WBLR linking:	WBLR linking: CrossRef author/article title search							
n WBLR linking	WBLR linking syntax: https://ezproxy.lsuhsc.edu/login?url=https://www.crossref.org/openurl?pid=uhsc:uhsc901&aulast=#@AULAST#&atitle=#@ATITLE#							

# Wiley Database Model ERM/LR

#### Wiley Database Model LR Only



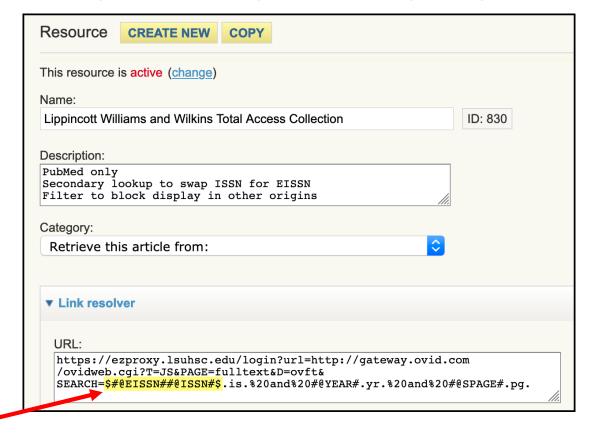




## Why WebBridge LR is great

Can manipulate data coming from origins and going to resources

Takes EISSN PubMed is sending and swaps it with the print ISSN to successfully link to article in Ovid

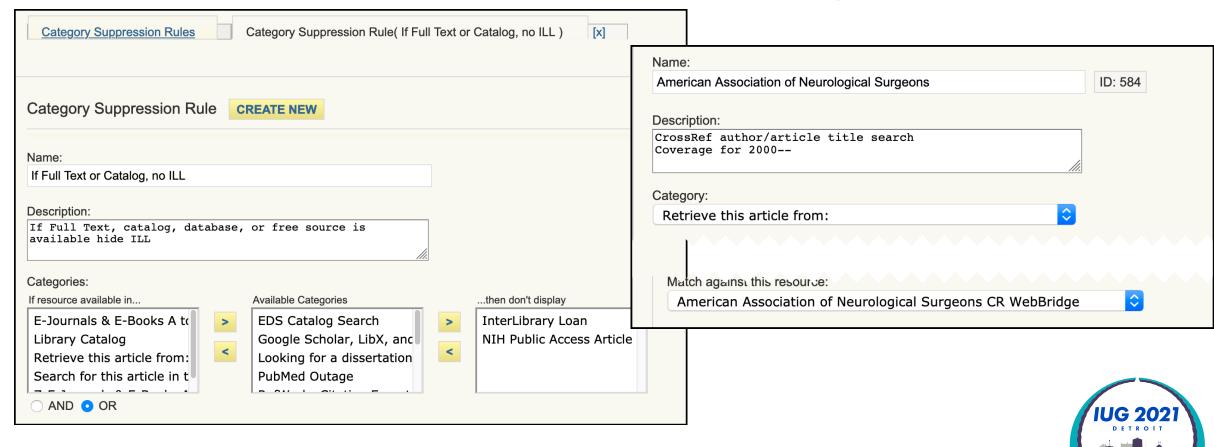






## Why WebBridge LR is great

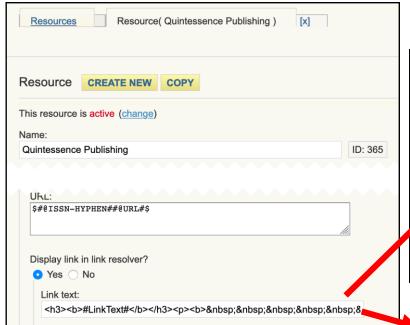
Ability to specify which resources respond to origins

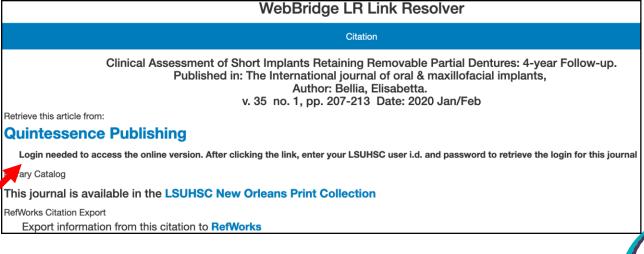




## Even more reasons why WebBridge LR is great

- You build your knowledge base
- Customization of the LR panel
- The power of the "Link text" field in resource records







## WebBridge LR click-throughs since launch







- PubMed our most-used origin
- Outside Tool only active when following our link
  - https://www.ncbi.nlm.nih.gov/pubmed/?otool=Isunolib
  - Since PubMed is free, difficulty getting patrons to use our link
- November 2016: the move to HTTPS





 Move to HTTPS broke WebBridge LR



WebBridge Link Resolver

#### Search the Library Catalog

Search the LSUHSC-NO Library Catalog for this journal/book (by title)

Search the LSUHSC-NO Library Catalog for this journal (by ISSN)

#### **RefWorks Citation Export**

Export information from this citation to RefWorks



Need help? Email a <u>Reference Librarian</u> or see if the Library is online with <u>live chat</u>. For additional information, see the WebBridge Resource Guide.







#### WebBridge Link Resolver

#### PubMed Outage

The WebBridge Link Resolver is currently not working in PubMed.

Search INNOPAC, the Library Catalog for the journal.

Search E-Journals & E-Books A to Z List for the journal.

Search Scopus with the PMID to link to article; not all articles may be available.

Search MEDLINE via EBSCOhost with the PMID to link to article; prepub articles may not be available.

Search MEDLINE via Ovid; LSUHSC login credentials required.





• Intermediate panel not helpful to patrons

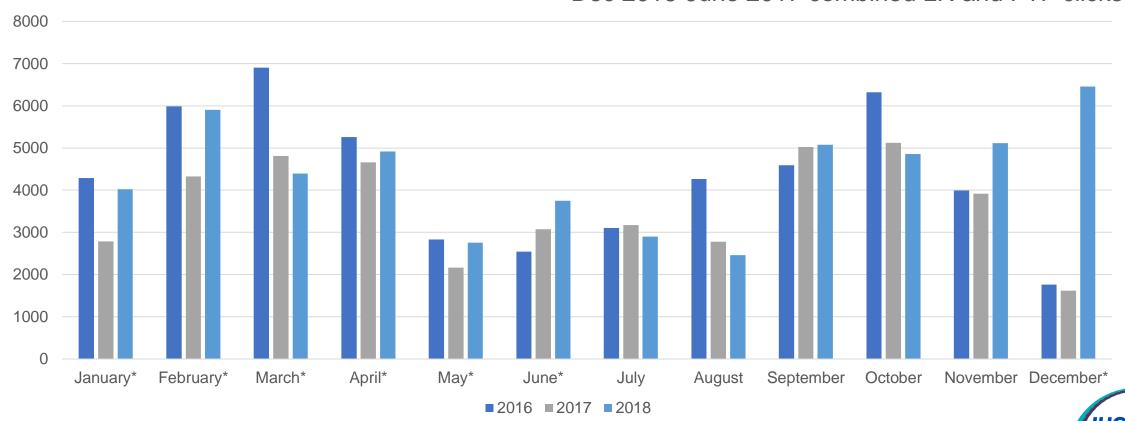
- Temporarily changed to EBSCO Full Text Finder
- Dramatic drop in successful link resolver sessions
- Transitioned to Sierra June 2017
  - DOI lookups failed until August





## WebBridge LR Usage pre- and post- PubMed outage

Dec 2016-June 2017 combined LR and FTF clicks





#### Miscellaneous adventures

- Origins change sid with no warning
  - EBSCOhost went from one origin definition to 78!
- Publishers changing platforms mean resource linking changes
- Adding new services
  - Introduction of EDS Health necessitated 32 new origins





## **Workflow changes**

- Fewer manually maintained free resources
- Reduced interval for updates from A to Z List knowledge base
- Other changes based upon making things work better





## Changes to resource linking syntax

- Simplifying DOI lookups
  - Was: https://www.crossref.org/openurl?pid=uhsc:uhsc901&issn=#@ISSN#&eissn=#@ISSN#&eissn=#@ISSN#&spage=#@SPAGE#&date=#@YEAR#
  - Now: https://www.crossref.org/openurl?pid=uhsc:uhsc901&aulast =#@AULAST#&atitle=#@ATITLE#
    - It just worked better!





## Better organization of LR panel

## WebBridge LR Link Resolver Citation Public reporting of discharge planning and rates of readmissions. Published in: The New England journal of medicine, Author: Jha, Ashish K. v. 361 no. 27, pp. 2637-45 Date: 2009 Retrieve this article from: **Massachusetts Medical Society ProQuest Nursing & Allied Health Database** RefWorks Citation Export Export information from this citation to RefWorks Search the Library Catalog Trouble retrieving this article or book? Report the problem Need help?





## WebBridge LR and LibKey: BFFs!

- LibKey Link (1.0) for PubMed
  - June 2019
  - Made linking to articles from PubMed so much easier
    - (Did I mention how difficult PubMed can be for link resolvers?!)
  - Still need a link resolver for it to lean on when DOI linking isn't possible
- LibKey Nomad September 2019
  - Helps to solve the big problem of using our link for PubMed
- LibKey Link for majority of origins July 2020
- LibKey.io July 2020





ACCESS PROVIDED BY









Social anxiety and agoraphobia symptoms effectively treated by Prompt Mental Health Care versus TAU at 6- and 12-month followup: Secondary analysis from a randomized controlled trial.

Knapstad M, Smith ORF.

Depress Anxiety. 2021 Jan 4. doi: 10.1002/da.23132. Online ahead of print.

PMID: 33393688







Evaluation of mechanism of change in transdiagnostic cognitive behaviour therapy using single case experimental design.

Sighvatsson MB, Salkovskis PM, Sigurdsson E, Valdimarsdottir HB, Thorsdottir F, Sigurdsson JF.

J Behav Ther Exp Psychiatry. 2020 Dec 13;71:101634. doi:

10.1016/j.jbtep.2020.101634. Online ahead of print.

PMID: 33388441







The Prevalence of Psychiatric and Chronic Pain Comorbidities in Fibromyalgia: an ACTTION systematic review.

Kleykamp BA, Ferguson MC, McNicol E, Bixho I, Arnold LM, Edwards RR, Fillingim R, Grol-Prokopczyk H, Turk DC, Dworkin RH.

Semin Arthritis Rheum. 2020 Dec 29;51(1):166-174. doi:

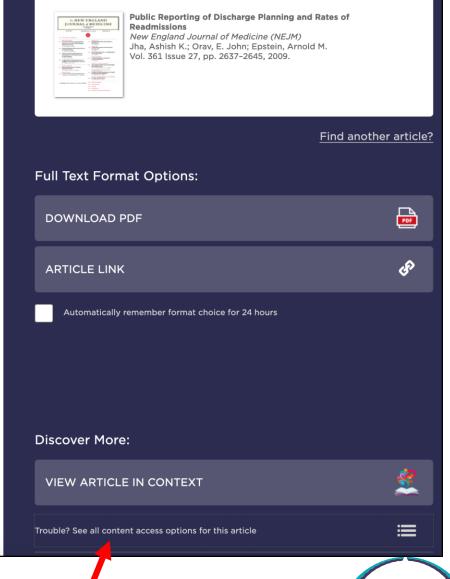
10.1016/j.semarthrit.2020.10.006. Online ahead of print.

PMID: 33383293





Review.









## WebBridge LR pros and cons





Presentation is highly customizable	Setup a bit involved
Leverage your own knowledge base	Quite a bit of staff time needed to maintain
Can compensate for weird things coming and going out	Learning curve is a bit steep
Support documentation is still helpful	Not very many updates recently





## However...

- Even though WebBridge LR requires a lot, we're really pleased with it!
- LibKey Link/LibKey Nomad/LibKey.io as complementary tools
  - WebBridge LR is still the backbone
- We feel like we've made WebBridge LR our own





# **THANK YOU!**

Questions?

Comments?

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