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Using Automated Workflows to Grow Your Institutional Repository

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Repository Citation

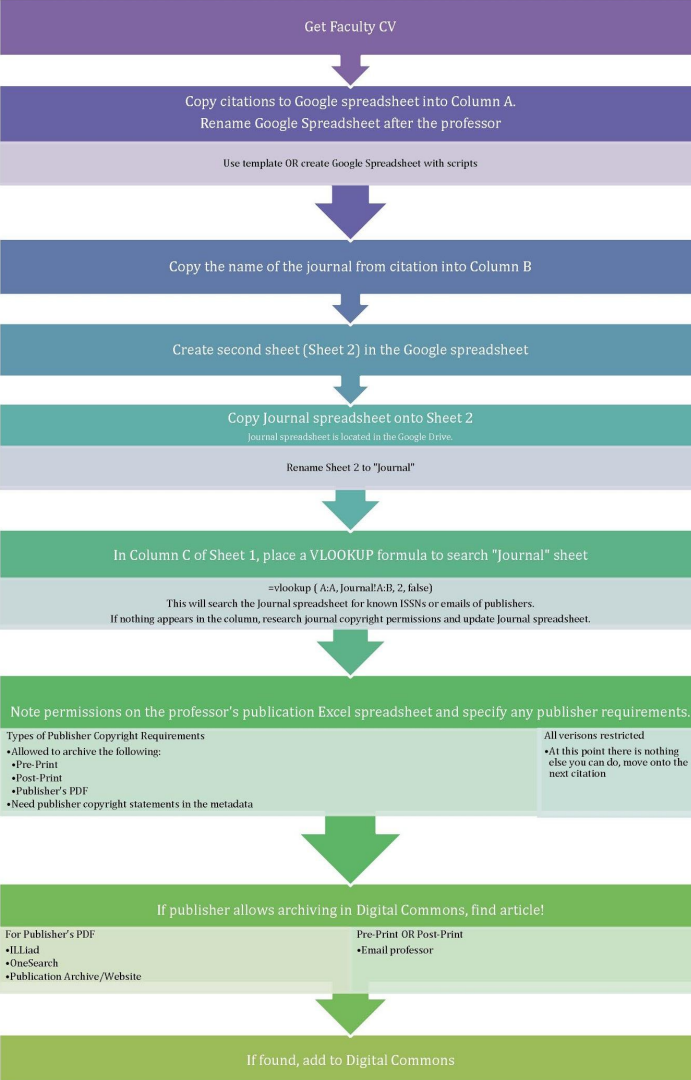
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http://digitalcommons.lmu.edu/librarian_pubs/41

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Experimenting with Automated Workflows to Grow Our Institutional Repository

Jesse Young

Digital Library Program

William H. Hannon Library - Loyola Marymount University

2017 SCELCL Lightning Talk



The Overview of Digital Commons

2,800,000 Total Downloads
Total Papers ~8,000

● The Old Workflow

Step 1: Get CV from faculty.

Step 2: Search **one citation at a time.**



OR

Contact Publishers

The Reboot

Utilizing SHERPA/RoMEO Google Spreadsheet Scripts

This script automates discovering journal policies. By inserting the ISSN number into the script, it will reveal four functions:

1. Does the journal permit uploading the publisher PDF to an IR?
2. Does the publisher permit uploading the author's final draft after peer review, and if so, with embargo restrictions?
3. Does the word "embargo" appear anywhere in the SHERPA/RoMEO record for this publisher?
4. Does this journal exclude authors from institutions which have passed an open access mandate?

No publisher PDF	Final draft allowed	Embargo	all good!
No publisher PDF	Final draft allowed	Loading...	all good!
No publisher PDF	Final draft allowed	no	all good!
No publisher PDF	Final draft allowed	no	all good!
No publisher PDF	Final draft allowed	Embargo	all good!
No publisher PDF	Final draft allowed	Embargo	all good!
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The LMU Twist

Issue: The Google Script requires the user to know the ISSN and sometimes there is no information about a journal in SHERPA/RoMEO.

Tasks: Look up ISSN or Publisher for permissions information and contact



Paste Citation

Publication	Journal Title	ISSN or Email	pubpdf	finaldraft	embargo	checkOAmante
"Intrinsic Linking and Knotting in Virtual Spatial Graphs," with T. Fleming, Algebraic and Geometric Topology, vol. 7, 2007, pp. 583-601			Loading...	Loading...	Loading...	Loading...
"Finite Type Link Homotopy Invariants," Journal of Knot Theory and Its Ramifications, vol. 8, no. 6, 1999, pp. 773-787			Loading...	Loading...	Loading...	Loading...
"Virtual Spatial Graphs," with T. Fleming, Kobe Journal of Math, vol. 24, no. 2, 2007, pp. 67-85			Loading...	Loading...	Loading...	Loading...
"Drawing a triangle on the Thurston model of hyperbolic space," with C. Bennett and P. Shanahan, Mathematics Magazine, vol. 83, 2010, pp. 83-99			Loading...	Loading...	Loading...	Loading...



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Publication	Journal Title	ISSN or Email	pubpdf	finaldraft	embargo	checkOAManda te
"Intrinsic Linking and Knotting in Virtual Spatial Graphs," with T. Fleming, Algebraic and Geometric Topology, vol. 7, 2007, pp. 583-601	Algebraic and Geometric Topology		Loading...	Loading...	Loading...	Loading...
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"Drawing a triangle on the Thurston model of hyperbolic space," with C. Bennett and P. Shanahan, Mathematics Magazine, vol. 83, 2010, pp. 83-99	Mathematics Magazine		Loading...	Loading...	Loading...	Loading...

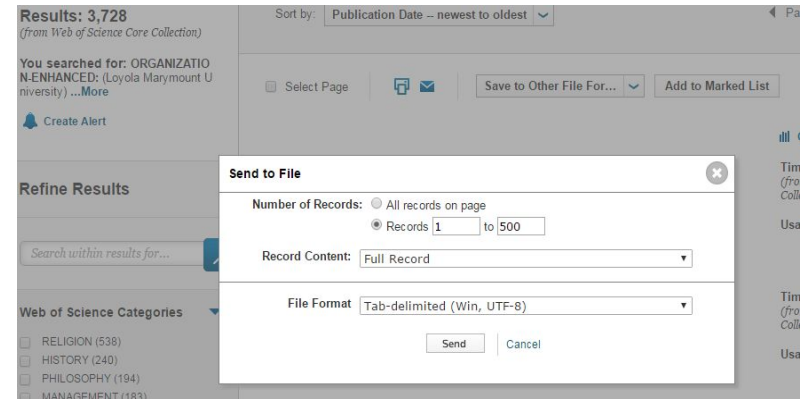


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"Intrinsic Linking and Knotting in Virtual Spatial Graphs," with T. Fleming, Algebraic and Geometric Topology, vol. 7, 2007, pp. 583-601	Algebraic and Geometric Topology	1472-2747	Publisher's version/PDF may be used after an embargo period	Final draft allowed	no	all good!
"Finite Type Link Homotopy Invariants," Journal of Knot Theory and Its Ramifications, vol. 8, no. 6, 1999, pp. 773-787	Journal of Knot Theory and Its Ramifications	0218-2165	No publisher PDF	Final draft restricted	Embargo	all good!
"Virtual Spatial Graphs," with T. Fleming, Kobe Journal of Math, vol. 24, no. 2, 2007, pp. 67-85	Kobe Journal of Math	Prof. Yasutaka NAKANISHI, nakanisi@math.kobe-u.ac.jp	ISSN invalid	ISSN invalid	no	ISSN invalid
"Drawing a triangle on the Thurston model of hyperbolic space," with C. Bennett and P. Shanahan, Mathematics Magazine, vol. 83, 2010, pp. 83-99	Mathematics Magazine	Journal Editoria Manager: Beverly Ruedi, bruedi@maa.org	ISSN invalid	ISSN invalid	no	ISSN invalid

● No CV? No problem!

We can download citations from **Web of Science** retrieved by a *organization-enhanced* search of “Loyola Marymount University.”



Once refined by author, we can download the records. Now, we have a list of faculty publications, which is simply copied into the SHERPA/RoMEO Google spreadsheet script.

Quick and easy copyright clearance!



The Workflow Experiment

- ◉ What else have we tried?

Using **Zotero** to integrate Web of Science and Google Scholar LMU affiliation alerts into workflow to ingest new publications faster

Download Web of Science records and use **OpenRefine** to ingest larger batches of citations by department instead of author

Processing **1Science datasets** to batch upload OA versions of papers

Utilizing Chrome app, **UnPaywall**, to discover open access versions of articles




Growth

It takes a single day to clear copyright permissions, including emailing any publishers.

Added **700** articles, chapters, or book links since October 2016.

The amount of full-text Faculty Work materials has increased **74%** and represent **51** faculty members.



Overall, there has been a 23% growth since last quarter.



Thank You!

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