

Telling the Story of your Research Impact with Bibliometrics & Altmetrics

For promotion and tenure

Presented by:
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University of North Florida



Dr. Deborah Williams



Marielle Veve





Keep in mind...

- Identify impact factors useful in crafting the dossier narrative.
- There is no “one size fits all” approach to metrics. The metrics chosen should not be considered in isolation but rather as a part of the entire story.
- Always use a number of metrics, alongside other qualitative factors such as a journal’s aims & scope, its readership, and a review of past content published in the journal.
- Use the information that documents the impact that you want to demonstrate.

Impact Metrics

- Bibliometrics are traditional, quantitative methods for measuring research impact.
- Altmetrics are non-traditional, alternative methods of research impact. Complement bibliometrics.
- Both metric types are used to tell the story of research impact in a variety of disciplines.

Author-level Metrics

- h-index
- i10-index
- Citation count
- Beamplots
- Order of authors

Article-level Metrics

- Citation count
- Citation count without self-citation*

Journal-level Metrics

- Journal Impact Factor
- Acceptance Rates
- Journal Citation Indicator
- CiteScore

Work-level Metrics

- # of views & downloads
- Online/Social mentions
- Bookmarks
- Attention scores

Other Metrics

- # of book holdings
- Book/Work reviews
- Positive feedback

Bibliometrics

Altmetrics

Other

Author-level Metrics

- h-index
- i10-index
- Citation count
- Beampplot
- Order of authors

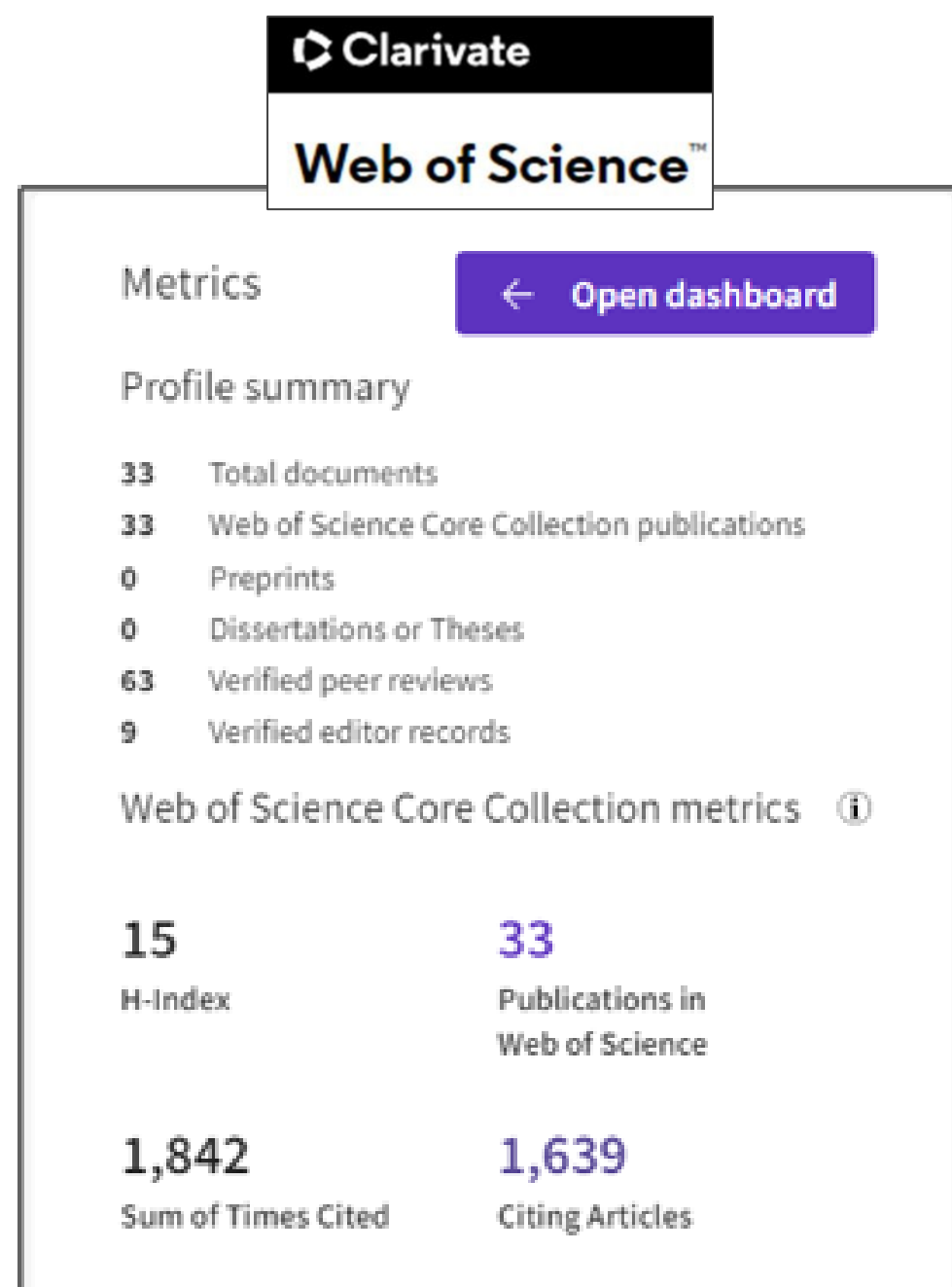
Author-level Metrics

These platforms provide author evaluation metrics

[Google Scholar profiles](#)

[Web of Science](#)

[Scopus Preview](#)



Clarivate
Web of Science™

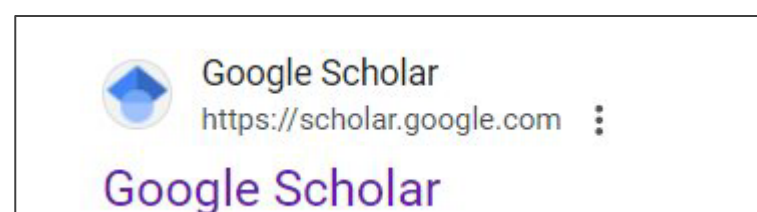
Metrics [← Open dashboard](#)


Profile summary

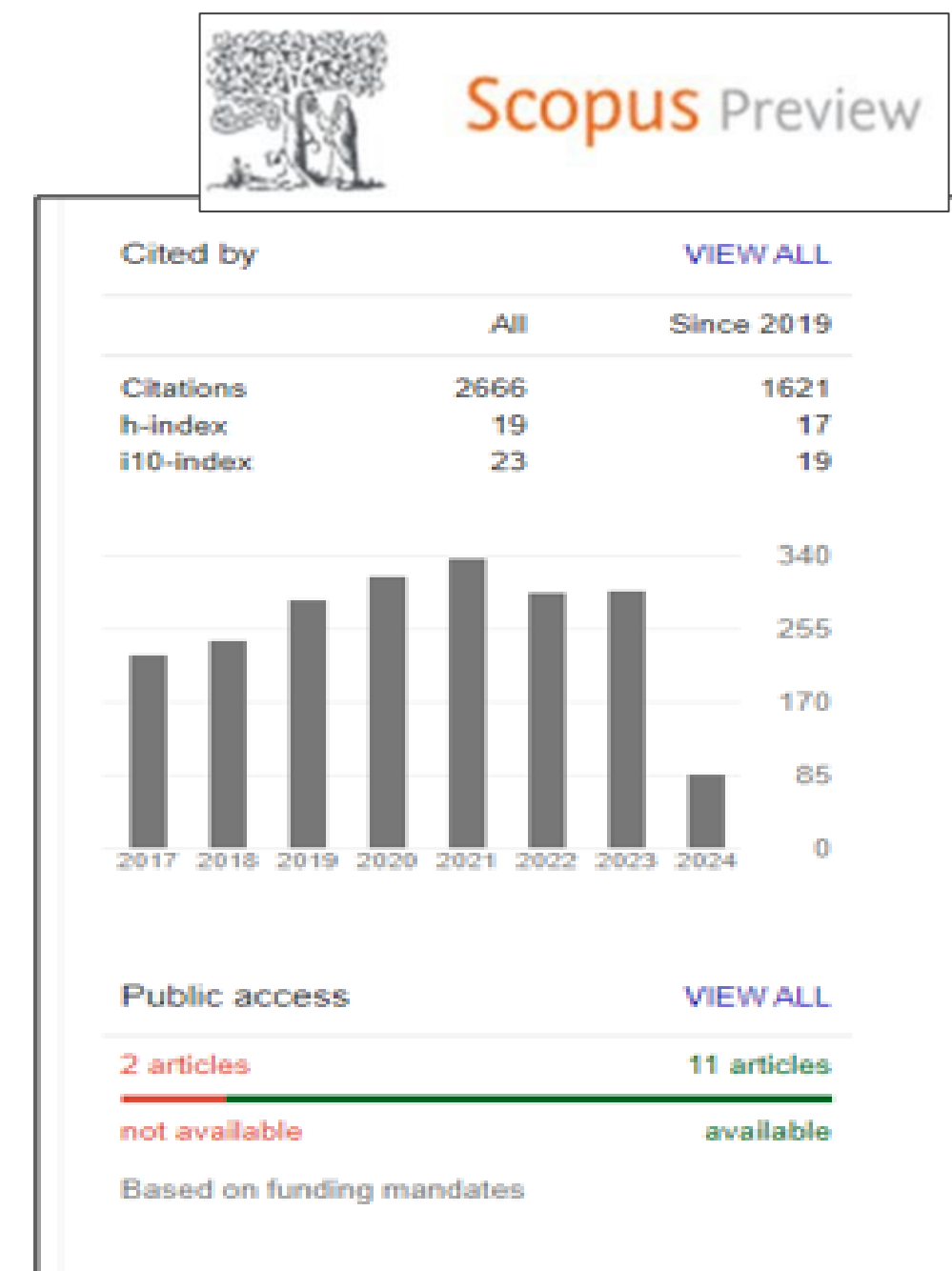
- 33 Total documents
- 33 Web of Science Core Collection publications
- 0 Preprints
- 0 Dissertations or Theses
- 63 Verified peer reviews
- 9 Verified editor records


Web of Science Core Collection metrics ⓘ

15 H-Index	33 Publications in Web of Science
1,842 Sum of Times Cited	1,639 Citing Articles



 Google Scholar
<https://scholar.google.com> ⋮
Google Scholar

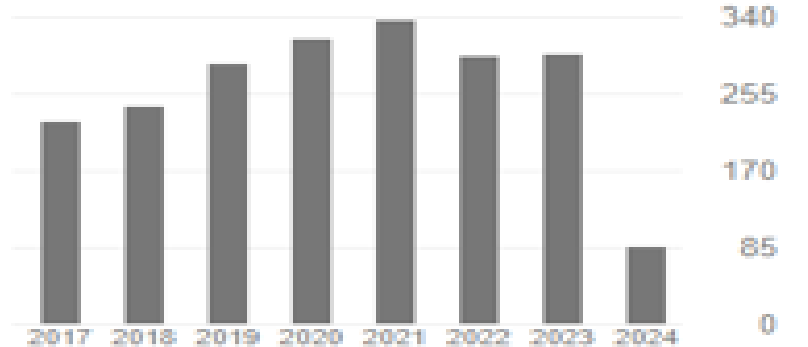


 Scopus Preview

Cited by [VIEW ALL](#)

	All	Since 2019
Citations	2666	1621
h-index	19	17
i10-index	23	19

340
255
170
85
0



Public access [VIEW ALL](#)

2 articles not available	11 articles available
------------------------------------	---------------------------------

Based on funding mandates

Author-level Metrics



Marielle Veve

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Metadata Librarian, [University of North Florida](#)

Verified email at unf.edu - [Homepage](#)

[Metadata](#) [Authority Control](#) [Institutional Repositories](#) [ETDs and Harvesting proce...](#)

Cited by

[VIEW ALL](#)

	All	Since 2018
Citations	82	30
h-index	5	3
i10-index	3	0

TITLE

CITED BY

YEAR

[Supporting name authority control in XML metadata: a practical approach at the University of Tennessee](#) 19 2011



Scopus Preview

Author

Documents

h-index ⓘ

Affiliation



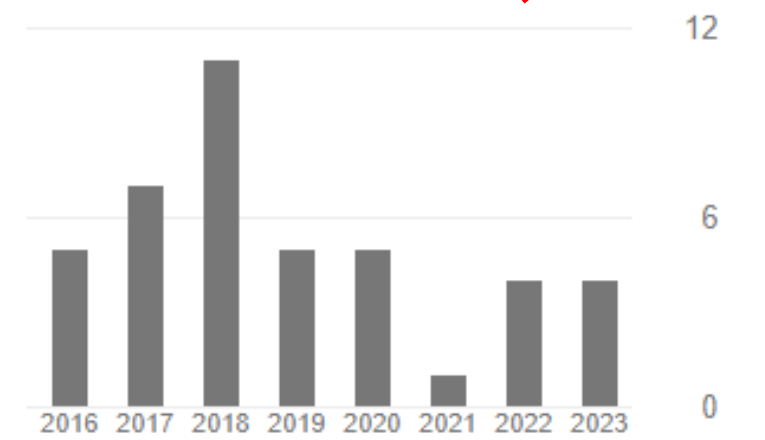
1

Veve, Marielle

11

2

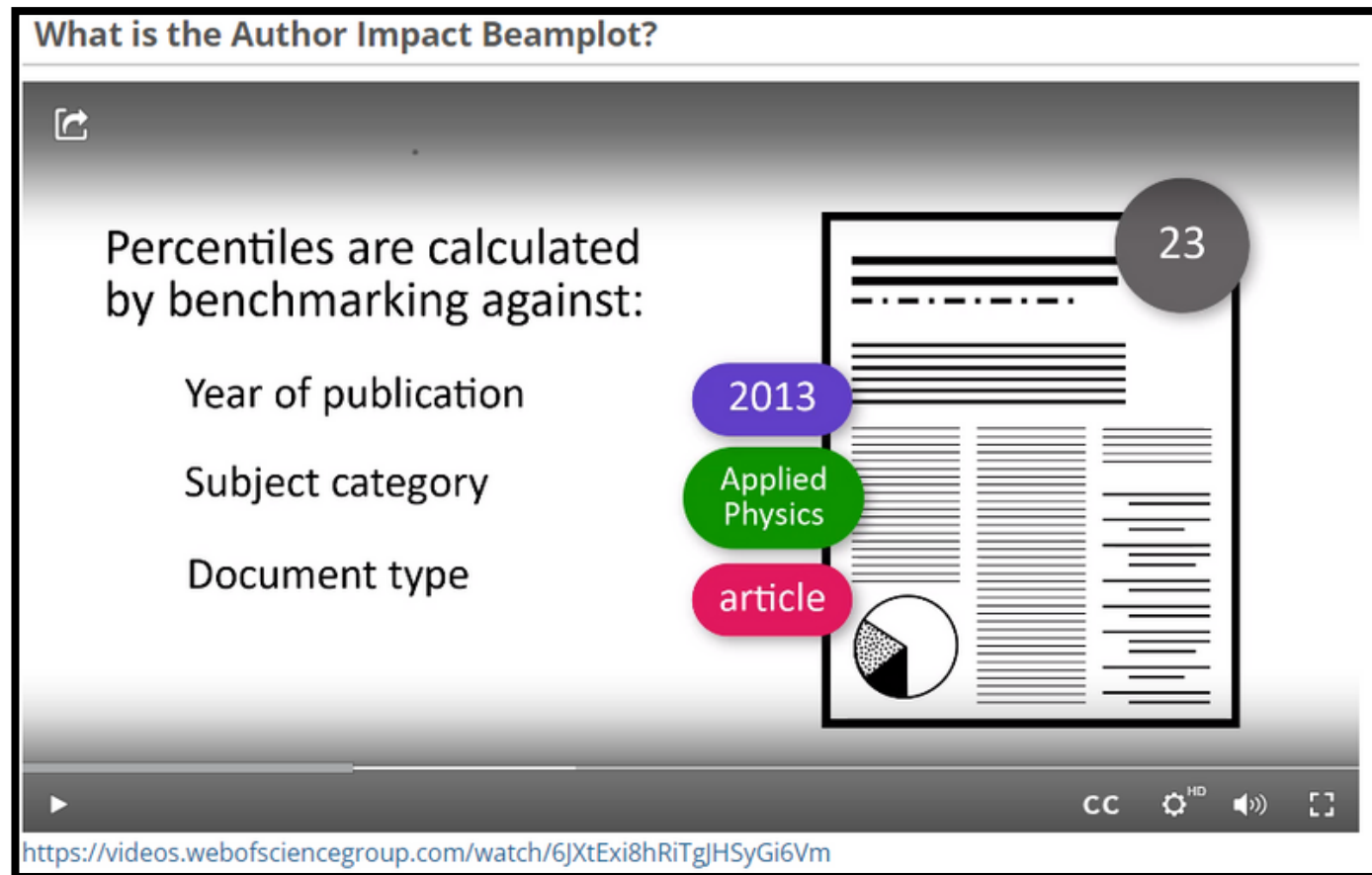
University of North Florida



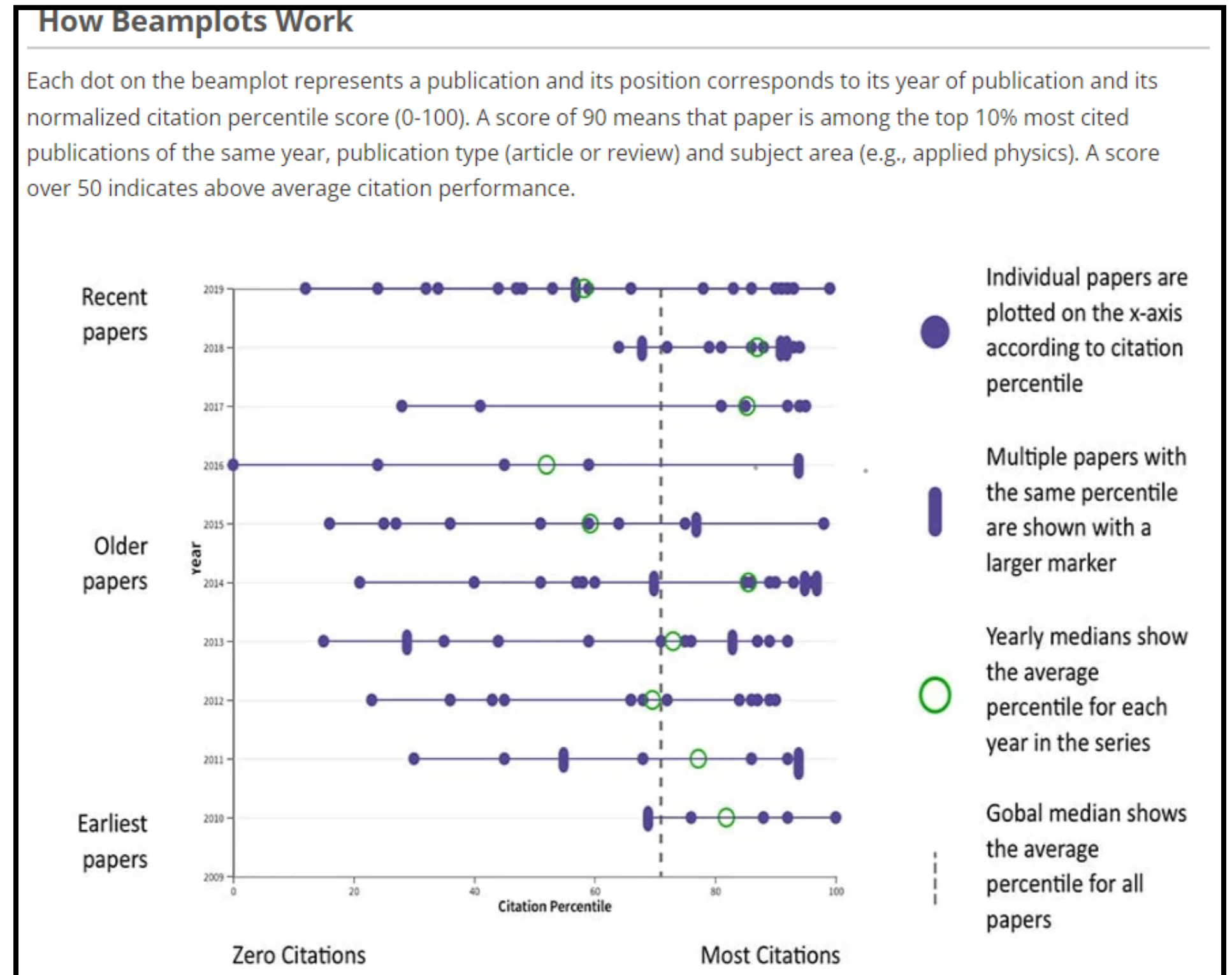
2010

2009

Author-level Metrics



- Beamplots only include publications with the Web of Science document type, Article or Review.
- Due to low number of citations, current and previous year publications are not included in the beamplot.
- Citation counts are updated daily (derived from Web of Science Core Collection).
- Citation percentiles are updated monthly (derived from InCites Benchmarking & Analytics).
- Each document is compared to their year, category, and document type.



Author-level Metrics



Scopus Preview

Article

Integrating Non-MARC metadata duties into the workflow of traditional catalogers: A survey of trends and perceptions among catalogers in four discussion lists

Veve, M., Feltner-Reichert, M.

Technical Services Quarterly, 2010, 27(2), pp. 194–213

 Clarivate

Web of Science™

Moving Beyond MARC: Initiating and Embracing Change in a Traditional Technical Services Department

Melanie Feltner-Reichert and Marielle Veve

Published Nov 2007 | Against the Grain

Not Indexed

Order of Authorship

- Primary authors receive most of the credit, followed by secondary and third authors. So important point to take in consideration when assigning order of authors.
- Meaning varies by discipline. The author's position in a paper is important because evaluation committees and funding bodies use this information for hiring, promotion, and funding.
- In the case of scientific or medical publications, for example, the last author is the Principal Investigator (PI) and has the most responsibility on the research project.

Article-level Metrics

Citation count

A count indicating the number of times a publication has been cited in other published works

[Google Scholar profiles](#)

[Web of Science](#)

[Publisher's Website](#)

[Scopus Preview](#)

Citation count *without self-citations

A count indicating the number of times a publication has been cited in other published works not written by the same author

[Web of Science](#)

[Scopus Preview](#)

*Note: Use special settings to eliminate self-citations

Article-level Metrics

Google Scholar

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Metadata Librarian, [University of North Florida](#)
Verified email at unf.edu - [Homepage](#)
[Metadata](#) [Authority Control](#) [Institutional Repositories](#) [ETDs and Harvesting proce...](#)

TITLE	CITED BY	YEAR
Integrating non-MARC metadata duties into the workflow of traditional catalogers: A survey of trends and perceptions among catalogers in four discussion lists M Veve, M Feltner-Reichert Technical Services Quarterly 27 (2), 194-213	22	2010



Article

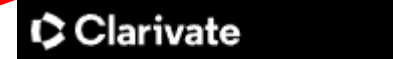
Integrating Non-MARC metadata duties into the workflow of traditional catalogers: A survey of trends and perceptions among catalogers in four discussion lists

Veve, M., Feltner-Reichert, M.

Technical Services Quarterly, 2010, 27(2), pp. 194–213

Show abstract Related documents

8
Citations



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[Integrating Non-MARC Metadata Duties into the Workflow of Traditional Catalogers: A Survey of Trends and Perceptions among Catalogers in Four Discussion Lists](#)
[Veve, Marielle](#) and [Feltner-Reichert, Melanie](#)

Published 2010 | TECHNICAL SERVICES QUARTERLY

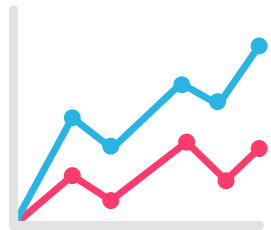
4
Times Cited

Journal-level Metrics

- Journal Impact Factor
- Acceptance Rates
- CiteScore
- Journal Citation Indicator

Journal-level Metrics

These platforms provide basic and journal metric information.



[Journal Citation Reports](#)

[Cabell's Journalytics](#)

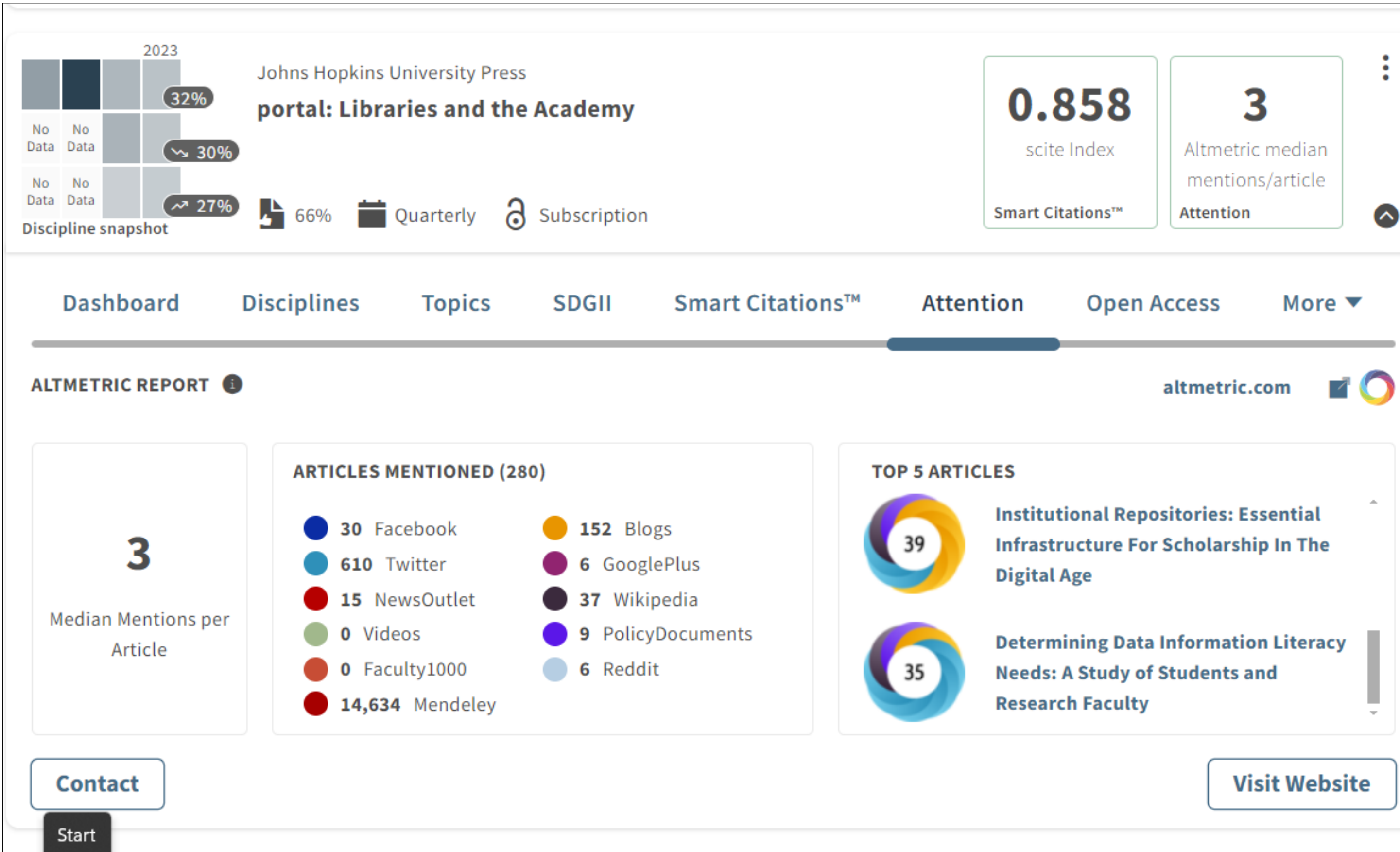


Publishers' Websites

[UlrichsWeb](#)



Cabell's Journalytics



Ready to submit?

Start a new manuscript submission or continue a submission in progress

[Go to submission site](#) ↗

Submission information

[Instructions for authors](#)

[Editorial policies](#) ↗

Editing services

Journal metrics



Usage

- **80K** annual downloads/views



Citation metrics

- **0.7 (2022)** Impact Factor
- **1.0 (2022)** 5 year IF
- **1.1 (2022)** CiteScore (Scopus)
- **0.298 (2022)** SNIP
- **0.222 (2022)** SJR



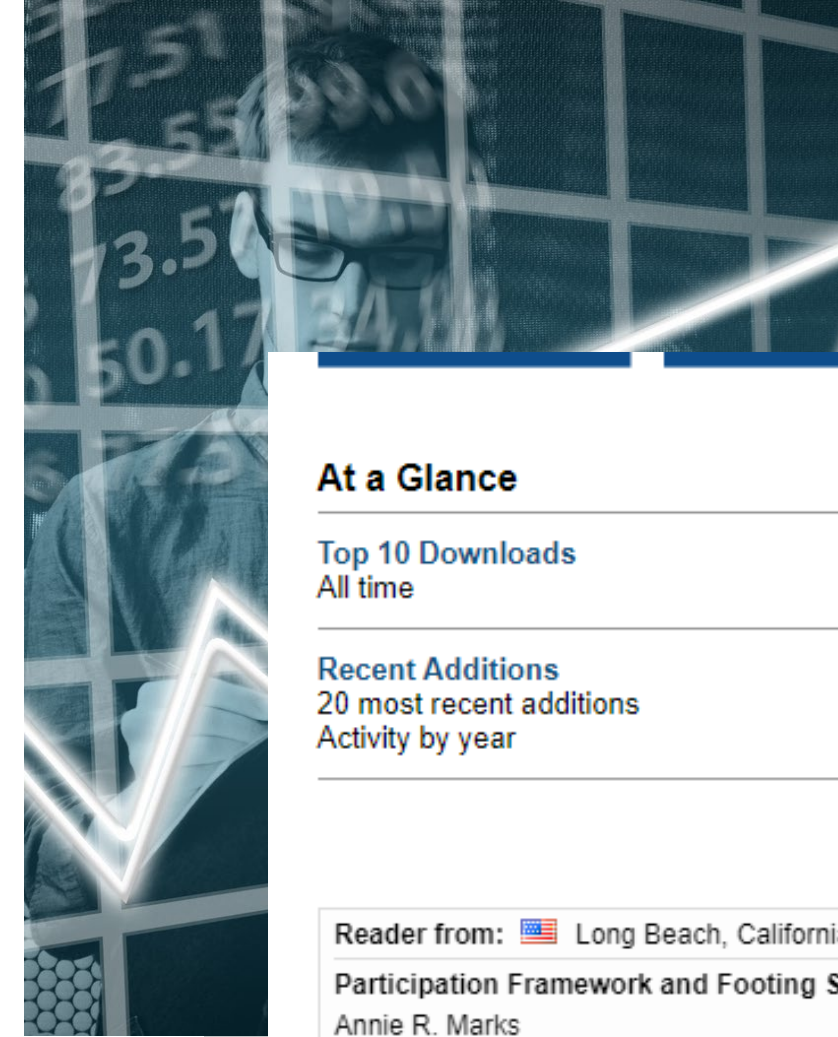
Speed/acceptance

- **45** days avg. from submission to first decision
- **188** days avg. from submission to first post-review decision
- **13** days avg. from acceptance to online publication
- **21%** acceptance rate



Alt Metrics

- Non-traditional, alternative methods of showing research impact based on the Social Web. Complement traditional metrics.
- Show impact of: A person or work in any format (e.g. articles, books, presentations, websites, etc.)




At a Glance

Top 10 Downloads
All time

Recent Additions
20 most recent additions
Activity by year

Today's Feature

Cedar Bay Electric Cogeneration Plant 19
Lawrence V. Smith

Reader from:  Long Beach, California, United States Of America

Participation Framework and Footing Shifts in an Interpreted Academic Meeting

Annie R. Marks

Journal of Interpretation



Recent Downloads

15 of 130
in the past hour

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41,536
Total Papers

4,832,864
Total Downloads

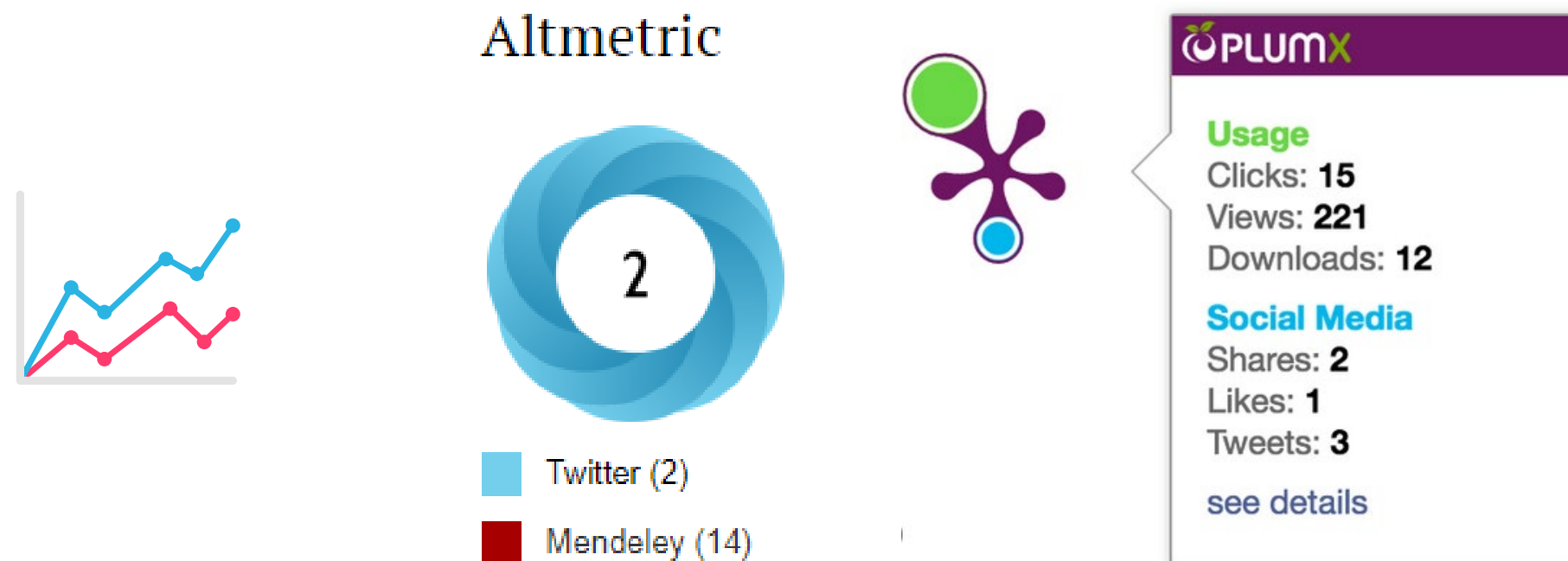
948,720
Downloads in the past year

Alt Metrics Examples

- # of views & downloads
- Online / Social media mentions
- Bookmarks & captures
- Attention scores

Sources of AltMetrics

- AltMetric widgets (e.g. PlumX & AltMetrics)
 - Track online/social media mentions, attention scores, bookmarks in Mendeley, views & downloads
 - Embedded in most Publishers' websites + Institutional repositories + RIMS



- Institutional repository stats (e.g. Digital Commons, DSpace)
 - Most IRs software contain additional tools that track Altmetrics

AltMetric widgets (e.g. PlumX & AltMetrics)

Publishers' websites

Results of an Online Survey about Food Disorder Behaviors Administered to a V Described LGBTQ+ Young Adults Aged

Citation Data: Journal of the Academy of Nutrition and Dietetics, ISSN: 2161-8313
Publication Year: 2021

Metrics Details	
CITATIONS	17
Citation Indexes	17
Scopus	17
CrossRef	8
PubMed Central	6
CAPTURES	78
Readers	78
Mendeley	78
SOCIAL MEDIA	14
Shares, Likes & Comments	14
Facebook	14

Harvesting ETD Metadata from Institutional OCLC: Approaches and Barriers to Implementation
Marielle Veve
Pages 69-79 | Published online: 23 Sep 2016

Article Metrics

Metric	Value
Views	675
Citations	0
Altmetric	2

Twitter (2)
Mendeley (14)

Institutional Repositories (e.g. Digital Commons, DSpace)

Generation Z's Positive and Negative Attributes and the Impact on Empathy After a Community-Based Learning Experience

Amanda Nicole Moscrip, University of North Florida

Year: 2019
Season: Summer
Paper Type: Master's Thesis
College: College of Arts and Sciences
Degree Name: Master of Science (MS)

Usage
Downloads: 69072
Abstract Views: 1393

Mentions
News Mentions: 1

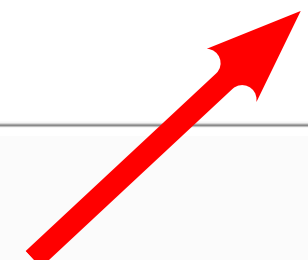
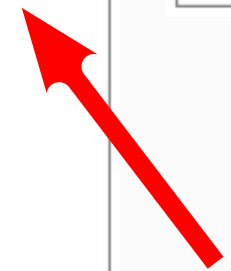
Social Media
Shares, Likes & Comments: 33

Download

69,021 DOWNLOADS
Since August 30, 2019

PLUMX METRICS

INCLUDED IN
Developmental Psychology Commons

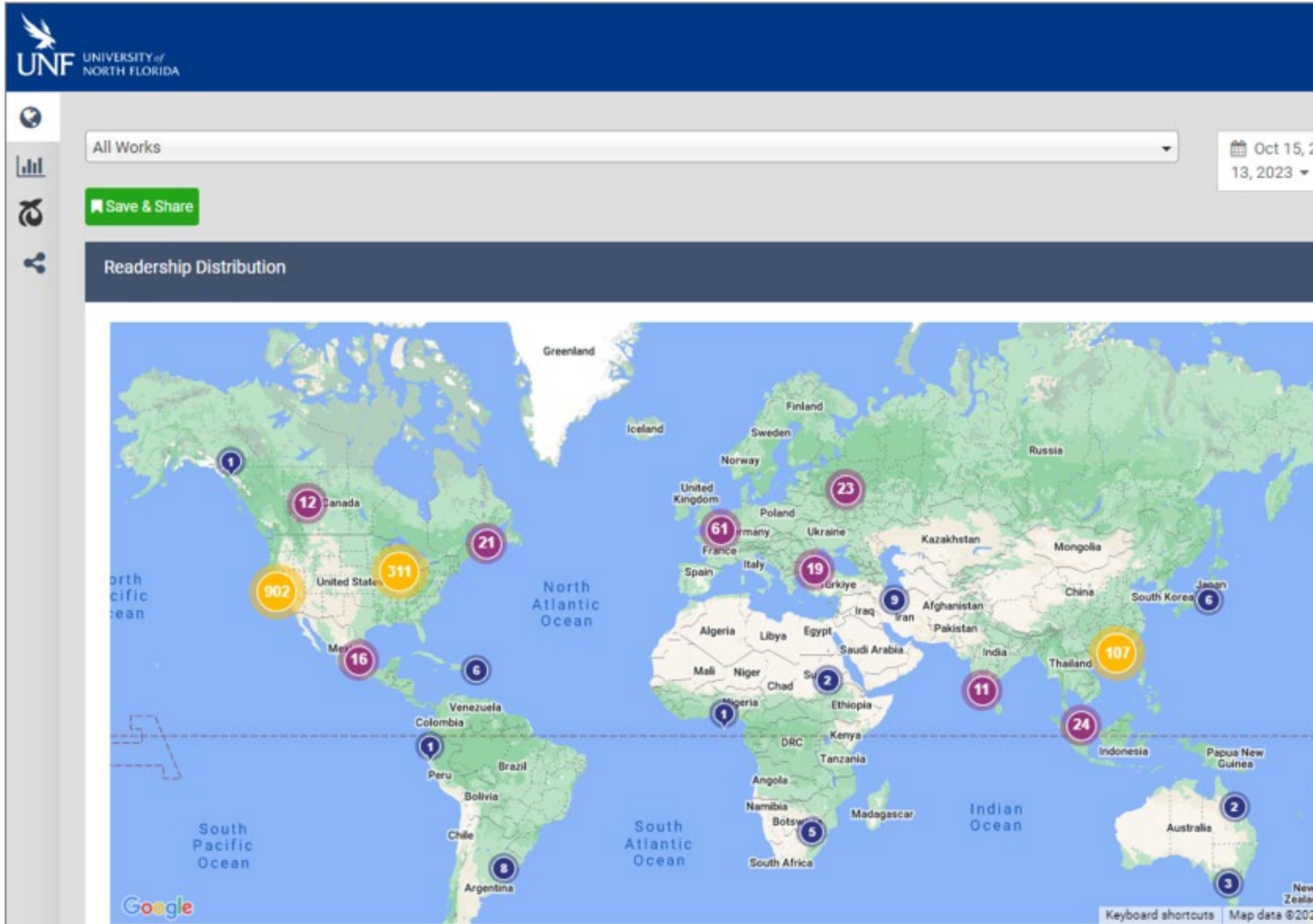


Institutional repository stats

(e.g. Digital Commons, DSpace)

DSpace

Digital Commons



The University of Texas at Austin
Texas ScholarWorks
University of Texas Libraries

Communities & Collections All of TSW

Log In

Repository Home • Statistics

Statistics for Stress-Induced Delamination Of Through Silicon Via Structures

Total visits

	views
Stress-Induced Delamination Of Through Silicon Via Structures	175

Total visits per month

	views
March 2024	0
April 2024	1

Top country views

	views
United States	164
China	47
France	29

Other Metrics used for Research Impact

- # of Book holdings in other libraries
- Book / Work reviews + Conference reports
- Positive feedback (e.g. *Thank you emails*)

Sources of Other Metrics

- WorldCat database (OCLC)
- Professional journals/newsletters
- Thank you emails/letters

WorldCat Database (OCLC)



Metadata for digital collections : a how-to-do-it manual

Authors: [Steven J Miller 1954-](#)

 **Print Book 2011**
New York : Neal-Schuman Publist

Summary: More and more libraries, **collections** of digitized resources. **collections** turn for guidance on the a

[Show More](#) ▼

- Shows # and names of libraries worldwide that hold your book.

Other Availability & Holdings

[Other Libraries Worldwide \(559 Libraries\)](#)



▼ University of Florida View Catalog	
▼ Embry-Riddle Aeronautical University View Catalog	Hunt Library - ILL
▼ Rollins College View Catalog	Olin Library
▼ Savannah College of Art & Design View Catalog	Jen Library
▼ Georgia Southern University View Catalog	Zach S. Henderson Library
▼ Florida Institute of Technology Evans Library View Catalog	Evans Library
▼ Tarpon Springs Public Library View Catalog	

Book / Work reviews + Conference reports

Book Reviews

Michael Fernandez

Virtual Technical Services: A Handbook. By Mary Beth Weber and Melissa De Fino. Lanham, MD: Rowman & Littlefield, 2022. 166 p. \$45.00 paperback (ISBN 978-1-5381-5263-8); \$90.00 hardback (ISBN 978-1-5381-5262-1).

If you are looking for a book that practically promotes and elegantly advocates for library technical services employees undertaking remote or hybrid work into the future, look no further. Reading Mary Beth Weber and Melissa De Fino's *Virtual Technical Services: A Handbook* brings up a lot of memories and emotions from working as a technical services librarian employed throughout the course of the COVID-19 pandemic and at the epicenter of the 2020 uprisings. However, the scope of the book is much broader than that, touching on past crises (e.g., Hurricane Sandy, 9/11) and preparing for future crises. But as the authors stress throughout the work, lessons learned during this period have value into

The book reminds us that practical reminders: "also that been cal n elect




BOOK REVIEWS

The Post-pandemic Library Handbook, by Julie Todaro, Lanham, Maryland, Rowman & Littlefield, 2022, 200 pp., \$95.00 (Hardback), ISBN: 978-1-5381-5374-1; \$45.00 (Paperback), ISBN: 978-1-5381-5375-8; \$42.50 (eBook), ISBN: 978-1-5381-5376-5.

The Post-Pandemic Library Handbook by Julie Todaro dives right into the deep end of today's library world to shed light on the various and complex problems in leading and managing library organizations by comparing standard and emergency practices. The preface and introduction provide the how's and why's the work was undertaken and method for presentation that takes place in the next twelve chapters. An additional three appendices and index provide for further direction, understanding, and exploration in this 200-page work.

Reports of Conferences, Institutes, and Seminars

John Kimbrough , Ian Knabe, Jessica K. LaBrie, Sharon A. Purtee, Emily Ray, Kristen Twardowski & ...show all

Pages 292-302 | Published online: 30 Nov 2017

NASIG 2017

John Kimbrough

Electronic Resources Librarian

Georgetown University

Washington, DC

? Performing an e-resources accessibility review

resources at American University (AU) in Washington, DC,

Positive feedback...

Thank you/Praise emails

Subject: THANK YOU!
Date: Friday, April 15, 2022 at 3:34:05 PM Eastern Daylight Time
From: Name
To: Someone

Dear Someone,

Thank you SO much for sharing your chapter on ... This is exactly the kind of practical guide I've been seeking.

Much appreciated!!!

Name
Associate Professor
University of XXXX

From: Name Lastname
Sent: Wednesday, October 18, 2023 9:33 AM
To: Someone
Subject: Your presentation "Title" was great

Hi Someone,

Just wanted to say your presentation "Title" was excellent! It explained the whole process of ... in detail. It was very useful.

Best,

Name lastname



Bibliometrics and Altmetrics for Research Impact

50 indicators of positive Impact			
H-index	Social networking contacts	Increased diversity	Special problem requests with faculty
G-index	Trending in social media	Degree of interdisciplinary	
Universal H-index	Blog mentions	Degree of transformativity	Invitations to present
HM-index (includes multi-author manuscripts)	Website hits	Interdisciplinary rigor	Invitations to consult
	Media mentions	Internationalization	Invitations to evaluate
Peer review	Audience size at events	Grant amount (In \$, £, € etc)	Rankings (positive move up)
Place of publication	Quotes in media	Textbooks	Cited in testimonials
Number of publications	Quotes in policy	Influencing curriculum creation	Developing a useful metric
Number of citations	Meetings with important people	Student surveys	Coining/debunking buzzwords or phrases
Book sales		Student testimonials	
Product downloads	Esteem of senior fellows	Faculty recommendations	Townhall meetings
Mention by policy maker	Posters	Faculty awards and prizes	Esteem surveys
Impact factor of journal in which department publishes	Participation in public education programs	Success of faculty fellows	Trust and reputation
		Department advisors	Success of graduate / undergrad presentations and grants
Six more ambiguous indicators of Impact			
Protests/ demonstrations/ sit-ins	Rabble rousing	Lawsuits	Angry letters from important people
Muckraking	Arrests		

Proactive Approach in Tracking Impact Metrics

For impact metrics to be useful in your promotion case, you need to make your scholarly work:

1. **Discoverable** – Promote your work and make it findable. (e.g. post metadata and citations in multiple places) Need to make people aware the material exists!

2. **Accessible** – Make your work accessible and visible to the widest audience as possible (e.g. publish in OA venues or use Green OA, avoid paywalls, open scholarly profiles, post in IRs and social media.)

3. **Track impact over time** – Make sure platforms used to host your work are keeping track of use over time (e.g. statistics, downloads/citations, etc.)

*Meeting these conditions will increase your metric counts over time. So, attempt to take a proactive approach from the beginning to meet these conditions!



POLL



Log in to Poll Everywhere

To present live activities, please log in to your Poll Everywhere account in a separate window.

[Launch log-in window](#)

Questions ?

Contact us to get more info:

 deborah.williams@unf.edu

 m.veve@unf.edu

 University of North Florida
Carpenter Library



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