





*Presented by:*

## RESEARCH DATA SERVICES TEAM

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## GOALS

- Understanding research impact
- Know the strategies in increasing your research impact
- Identify prominent tools to create your research profile
- Explore resources at UL for increasing impact



## AGENDA

- Activity #1- Padlet
- Definition of Research impact
- Strategies of HOW TO increase impact
  - Activity #2- Zoom poll
- UL resources
- Final Tips
- Activity #3-Padlet

# Activity 1

## What is Research Impact?

<https://padlet.com/breezehouxuan/what-is-research-impact-vb26g0lqsxcv4spx>



# What is research Impact?

- **Research impact** - A one-word definition is simply **benefit**: how our research benefits society and the economy
- **Academic Research Impact** is the demonstrable contribution that excellent research makes to academic advances, across and within disciplines, including significant advances in understanding, method, theory and application.

Greenhalgh, T., Raftery, J., Hanney, S., & Glover, M. (2016). [Research impact: a narrative review](#). BMC Medicine. 14(78).

# How to Increase Your Research Impact?





# Identifying target audiences and selecting appropriate dissemination channels

Research Goals

Audience

Types of impact

Measures of the impact



# Promote and Share Your Work

## Leveraging academic social networks and scholarly collaboration platforms

- Conferences & Academic organizations
  - e.g., AERA, IEEE, APA, ACRL
    - Propose, present, share, and network
- Social Medias:
  - e.g., Facebook, Twitter, LinkedIn, Instagram, etc.
    - Post with a unique link or DOI
    - Hashtags
    - Track attention



# Harnessing the power of citation metrics and Altmetrics to gauge impact

Author Metrics/impact

Journal Metrics

Altmetrics



# Author Metrics



## **An author's impact -> citation counts**

i.e., the number of academic publications he or she has authored and the number of times these publications are cited by other researchers.



## **h-Index: the highest number of an author's papers to have the same or higher number of citations.**

e.g., for an author to have an h-index of 7, he or she must have at least 7 publications with 7 or more citations.

Most researchers obtain their h-index from [Web of Science](#), [Scopus](#), or [Google Scholar](#).

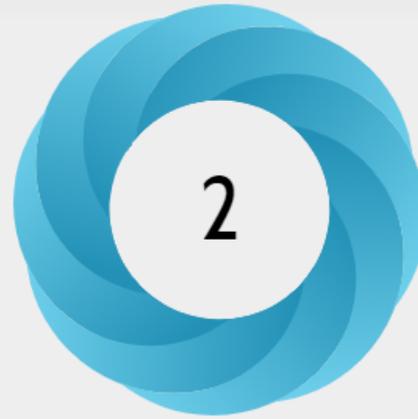


# Journal Quality Indicators & Metrics

- **Indexing**
  - Widely indexed articles are more likely to be found by other researchers
- **Impact Factor**
  - Journal Citation Reports
- **Ranking**
  - [SJR - Scimago Journal & Country Rank](#)
  - [Google Scholar Metrics](#)
- **Acceptance Rates**
  - The number of manuscripts accepted for publication relative to the total number of manuscripts submitted within the last year
- **Peer Review**

# Altmetrics

- **Altmetrics** consider online reader behavior, network interactions with content, and social media: online attention and engagement
- Altmetrics measure impact at the article/item level.
  - mentions on Facebook, Twitter, or online news sites
  - exports to citation management systems like Mendeley or Zotero
  - downloads (of full text articles, software, etc.)
  - comments in blogs or other online forums



## ? About this Attention Score

Above-average Attention Score compared to outputs of the same age (51st percentile)

### Mentioned by

3 tweeters

### Citations

12 Dimensions

### Readers on

62 Mendeley

## SUMMARY

Twitter

Dimensions citations

<b>Title</b>	Collective Psychological Ownership and Intergroup Relations
<b>Published in</b>	Perspectives on Psychological Science, September 2017
<b>DOI</b>	10.1177/1745691617706514 <a href="#">↗</a>
<b>Pubmed ID</b>	28937914 <a href="#">↗</a>
<b>Authors</b>	Maykel Verkuyten, Borja Martinovic
<b>Abstract</b>	Whereas much social psychological research has studied the in-group a

## TWITTER DEMOGRAPHICS

MENDELEY

The data shown below were collected from the profiles of **3** tweeters who [was compiled](#).



# Manage your online presence



Establishing an effective online presence: Researcher profile



Utilizing professional networking platforms

# Activity 2

## Zoom Poll:

- Q1. Have you ever created a personal profile to demo your knowledge and skills in your field?
- Q2. If you answered yes to Q1, do you maintain your profile and keep it up to date? or if no, do you plan to establish your research profile now?
- Q3. Have you ever joined an online professional networking platform to engage with other scholars in your field?
- Q4. If you answered yes to Q3, do you stay active on the platform? Or if no, do you plan to join an online professional networking platform now?

COMMON  
PROFILE  
OPTIONS

ORCID

Google  
Scholar



ORCID

*Key Features*



- Open Researcher and Contributor ID
- 16- digit alpha-numeric identifier
- Transition to any institution
- Ensures all your publications, datasets, and other research outputs are connected to you
- Increasing requirement by publishers and funders

<https://orcid.org/0000-0002-7428-083X>



*Key features*





# Gloria Ladson-Billings

FOLLOW

Professor of Education, [University of Wisconsin-Madison](#)

Verified email at wisc.edu

[multicultural education](#) [culturally relevant pedagogy](#) [critical race theory](#) [teacher education](#)

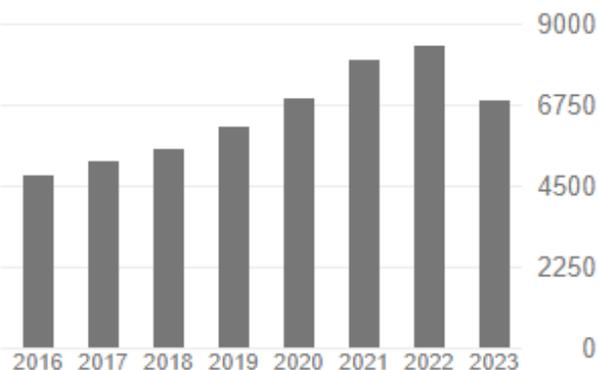
Cited by

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All

Since 2018

Citations	89521	42052
h-index	78	60
i10-index	139	120



TITLE

CITED BY

YEAR

[The dreamkeepers: Successful teachers of African American children](#)

G Ladson-Billings  
John Wiley & Sons

14532

2022

[Toward a critical race theory of education](#)

G Ladson-Billings, WF Tate  
Teachers college record 97 (1), 47-68

14260 \*

1995

[Toward a theory of culturally relevant pedagogy](#)

G Ladson-Billings  
American educational research journal 32 (3), 465-491

12135

1995

[But that's just good teaching! The case for culturally relevant pedagogy](#)

G Ladson-Billings  
Theory into practice 34 (3), 159-165

6313

1995

[From the achievement gap to the education debt: Understanding achievement in US schools](#)

G Ladson-Billings  
Educational researcher 35 (7), 3-12

5429

2006

[Culturally relevant pedagogy 2.0: aka the remix](#)

G Ladson-Billings  
Harvard educational review 84 (1), 74-84

3650

2014

[Crossing over to Canaan: The journey of new teachers in diverse classrooms](#)

G Ladson-Billings  
John Wiley & Sons

2354

2004

Public access

[VIEW ALL](#)

1 article

0 articles

not available

available

Based on funding mandates

Co-authors



David Gillborn  
Professor of Critical Race Studie



COMMON  
NETWORKING  
OPTIONS

ResearchGate

LinkedIn



## *Key features*



A social network platform and database



Find and share research



Access to publications



Ask technical questions or start scientific discussion



Search jobs



Search for

research data management needs assessment in Research

research data management needs assessment in People

se access to  
count

email address to avoid  
ur account.

Suggested research based on your interests

Most recommended in the last week

### Research data management needs assessment for social sciences graduate students: A mixed methods study

Full-text available Article February 2023 · PLoS ONE

Xuan Zhou · Zhihong Xu · Ashlynn Kogut



Source

25 Reads · 7 Recommendations

### Synthesizing research evidence on self-regulated learning and academic achievement in online and blended learning environments: A scoping review

Full-text available Article February 2023

Zhihong Xu · Yingying Zhao · Jeffrey Liew · [...]

Article Full-text available

### Research data management needs assessment for social sciences graduate students: A mixed methods study

February 2023 · PLoS ONE 18(2)  
DOI: 10.1371/journal.pone.0282152  
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Xuan Zhou · Zhihong Xu · Ashlynn Kogut

Research Interest Score 2.8  
Citations 0  
Recommendations 7  
Reads 25

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**Sarah J. McCarthy**

University of Illinois, Urbana-Champaign  
United States

Research Interest Score ————— 688.2  
Citations ————— 1,345  
h-index ————— 20  
Citations over time

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### About Sarah

#### Disciplines

Teacher Education · Psycholinguistics · Sociolinguistics · Composition Studies

#### Skills and expertise

Writing · Teaching · Research Paper Writing · Article Writing · Research Papers · Teaching and Learning · Pedagogy and Education · Collaborative Writing · Journal Editing · Research And Development · Authorship · Data Collection · Qualitative Analysis · Interviewing · Data Analysis · Data Presentation

#### Activity on ResearchGate

76 Research Items · 2 Projects · 0 Questions · 0 Answers

### Featured research

#### Recently read

**How Can We Study Children's/Youth's Out of School Experiences to Inform Classroom Practices?**

Full-text available

Article

July 2020 · Literacy Research: Theory, Meth...

Sarah J. McCarthy · Nell K. Duke · David Bloome · [...] · Donna Alvermann

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Research impact

Connect with others

Personal profile



## *Key features*



Showcase your skills by your profile



Build your network



Find a job



Participate in conversations



Post content

# Crafting impactful research title, abstract, and key words



Contents lists available at [ScienceDirect](#)

## Computers & Education

journal homepage: [www.elsevier.com/locate/compedu](http://www.elsevier.com/locate/compedu)



### Teachers' perceptions of the barriers and drivers for the integration of Informatics in primary education

Gabrielė Stupurienė<sup>a,\*</sup>, Margarida Lucas<sup>b</sup>, Pedro Bem-Haja<sup>c</sup>

<sup>a</sup> *Institute of Educational Sciences, Faculty of Philosophy, Vilnius University, Lithuania*

<sup>b</sup> *Laboratory of Digital Contents, Research Centre on Didactics and Technology in the Education of Trainers (CIDTFF), Department of Education and Psychology, University of Aveiro, Portugal*

<sup>c</sup> *Department of Education and Psychology, CINTESIS, University of Aveiro, Portugal*

#### ARTICLE INFO

##### Keywords:

Primary education  
Teacher professional development  
Thematic analysis  
Network analysis  
Informatics education

#### ABSTRACT

A growing trend of integrating and teaching Informatics and Computational Thinking (CT) skills at primary education levels poses different challenges for teachers. Research demonstrates that it is challenging to introduce Informatics in schools without well-prepared teachers. In this paper, we examine Lithuanian teachers' perceptions of the barriers and drivers to integrate the renewed Informatics curricula in primary education and the relation between them. Fifteen semi-structured interviews were conducted with primary school teachers, and a mixed-methods approach was employed to analyze them. The results show that explicit guidelines for renewed curricula and motivation to learn Informatics are both identified as the main barriers and drivers for integrating Informatics. The study further highlights the critical role of resources, appropriate tools, and guidelines in facilitating the successful implementation of Informatics. The study provides knowledge that could, for instance, benefit teacher training programmes and help better understand how teachers can be better supported to meet current and future challenges.

# What is academic search engine optimization?

Google Scholar

awesome search term



Articles

New Search Publications Subject Terms Cited References Images More ▾



Searching: Academic Search Complete | [Choose Databases](#)

another awesome search term

Select a Field (optional) ▾

Search

AND ▾

Select a Field (optional) ▾

[Create Alert](#)

AND ▾

Select a Field (optional) ▾

[Clear](#) [?](#)



[Basic Search](#) [Advanced Search](#) [Search History](#)

# Crafting impactful research titles

## Title optimization for scholarly publications

### DOs

01

#### Use meaningful titles

Make sure to include the most important terms and conclusion of your research.

02

#### Important terms up front

Position the most important words in the beginning of your main title.

03

#### Think in search terms

Would you search for the terms you used in the title to find your article?

04

#### Make it succinct

Short titles are easier to identify and more likely to be cited. Ponder the display on mobile devices.

### DON'Ts

01

#### Avoid creative main titles

Use the subtitle for catchy phrases, funny remarks or quotes.

02

#### Avoid special characters

Hyphens, suspended hyphens, asterisk, slashes hinder the search functionality.

03

#### Don't use abbr.

If you use abbreviations, clarify them in the subtitle or abstract.

04

#### Don't overstate

Follow the guidelines of good scientific practice and don't exaggerate your results.



Schilhan, Kaier, Lackner

graphic designed by pikisupersta

Image Source: DOI: [10.1629/uksg.534](https://doi.org/10.1629/uksg.534)



# Crafting impactful research *abstracts*

## Abstract optimization for scholarly publications

01

### Short sentences

Write in a clear, precise and succinct fashion.  
Don't use overly flamboyant language.

02

### Important terms up front

Position the most important words at the beginning of your abstract.

03

### Use synonyms

Improve your chances of being found using different terms.

04

### Write informative

State your claims, methodology and results.

05

### Repeat keywords

Repetition is a way to increase ranking and show the focus of the article.



Schilhan, Kaier, Lackner

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# Crafting impactful research *keywords*

## Keyword optimization for scholarly publications

01

### Use thesauri

MeSH, Emtree or other field specific thesauri can help you choose a keyword

02

### Narrow vs. broad terms

Alternate between specific terms and broader terms that make it easier to identify the topic

03

### Use the singular form

When choosing a keyword use its singular and not declined form

04

### Perspective of a searcher

Would you search with this keyword yourself?

05

### Indicative terms

Give information about the content, not the result



Schilhan, Kaier, Lackner

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# Enhancing visibility through open access publishing and institutional repositories

Research and  
Scholarship  
Repository

Dataverse

Open Access  
Resources



# Open Access Resources

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Open Access  
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# Research and Scholarship Repository

- Collects, preserves, and showcases the scholarly achievements of Texas State University's academic community
- Provides open access to the diverse array of research and scholarship materials created at Texas State including articles, presentations, posters, electronic theses and dissertations, capstones, multimedia presentations, and more



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Cognitive Electrophysiology Lab



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Sciences



Building COVID-19 Vaccine  
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Prime and target centered total fixation times: abstract priming effects and lexically-mediated effects

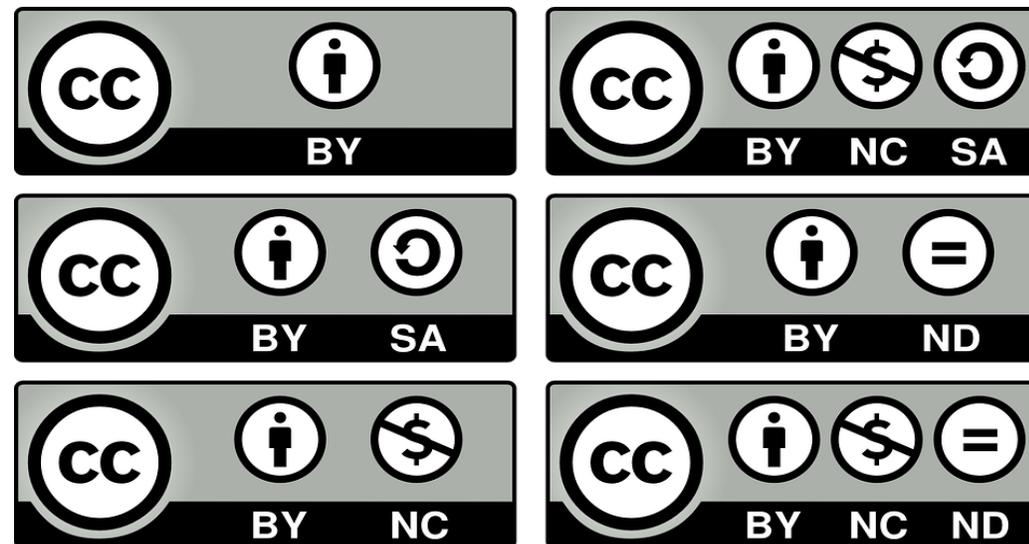
Oct 25, 2023



Tooley, Kristen, 2023, "Prime and target centered total fixation times: abstract priming effects and lexically-mediated effects", <https://doi.org/10.18738/T8/A5L2EF>, Texas Data Repository, V1, UNF:6:PI18gByUQgWWNr1cscY2ZQ== [fileUNF]

# Navigating copyright considerations and intellectual property rights

- Does the journal allow self-archiving of a version of the article on a personal website or institutional repository? Is there an embargo period?
  - If you have signed a publication or copyright transfer agreement with a publisher, then you may need their permission to share certain versions of your work unless it has been published under a Creative Commons or other open license.
- [Committee on Publication Ethics](#)
- [SPARC Author Addendum](#)



# Activity 3:

How can we support you to make your research more impactful?

<https://padlet.com/breezehouxuan/how-can-we-support-you-to-make-your-research-more-impactful-fvhyy034g6qhb28y>



## OPEN SCHOLARSHIP

Open scholarship promotes knowledge equity, increases the readership of your work, and promotes research impact across the globe.

### OPEN REPOSITORIES

Increase your impact by including publications and presentations in the Research & Scholarship institutional repository and research data in the Dataverse Repository.

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  - [Researcher Profiles and Identifiers](#)
- Helpful Websites
  - [Open Scholarship](#)
  - [Request a Research Consult](#)

# Final Tips

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Establish your researcher profiles now

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Network based on your academic and professional goals

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Consider publishing open access

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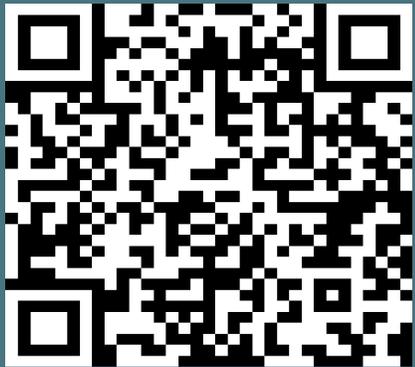
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QUESTIONS?