Altmetrics

STEM Librarians Leading the Way

Anne Rauh
Science & Engineering Librarian
Syracuse University
October 28, 2016
“the volume and nature of attention that research receives online”

http://www.whatarealtmetrics.com/what/
Traditional metrics

- Impact Factor
- Citation counts
- H-index
Altmetrics

- Viewed
- Discussed
- Shared
- Saved
Saved and Shared 146 times

127 Mendeley saves click to show over the last 6 years by multiple readers

15 tweets click to show a year ago

S&amp;TL &gt; Introduction to Altmetrics for Science, Technology, Engineering, and Mathematics (STEM) Librarians
3 years ago by Scholarship 2.0: An Idea Whose Time Has Come

3 tweets click to show
3 years ago
Altmetric

Observation of Gravitational Waves from a Binary Black Hole Merger

Overview of attention for article published in Physical Review Letters, February 2016

SUMMARY

- Title: Observation of Gravitational Waves from a Binary Black Hole Merger
- Published in: Physical Review Letters, February 2016
- DOI: 10.1103/physrevlett.116.041102
- PubMed ID: 28081854
- Authors: B.P. Abbott, R. Abbott, T.D. Abbott, M.R. Abernathy, F. Acernese, K. Ackley, C. Adams, T. Adams...
- Abstract: On September 14, 2015 at 05:51:42 UTC the two detectors of the Laser Interferometer Gravitational Wave...

ATTENTION SCORE IN CONTEXT

The data shown below were collected from the profiles of 4,297 tweeters who shared this research output. Click here to find out more about how the information was compiled.

Mendeley Readers

1469 Mendeley
Why libraries?
Relationships
Discovery systems
Institutional repositories
Research information management systems

Susan E Parks
College of Arts & Sciences > Syracuse University, Department of Biology

Bottom side-roll feeding by humpback whales (Megaptera novaeangliae) in the southern Gulf of Maine, U.S.A
Ware, C., Wiley, D. N., Friedlaender, A. S., Weinrich, M., Hazen, E. L., Bocconcelli, A., Susan E Parks
Article
animal  whale  fishing gear  feeding behavior  vulnerability

Evidence for acoustic communication among bottom foraging humpback whales
Susan E Parks
Article
Humpback Whale  Acoustics  Communication  Singing  Feeding Behavior
And more relationships

Bottom side-rolled feeding by humpback whales (Megaptera novaeangliae) in the southern Gulf of Maine, U.S.A

Overview of attention for article published in Marine Mammal Science, January 2013

<table>
<thead>
<tr>
<th>SUMMARY</th>
<th>News</th>
<th>Twitter</th>
<th>Google+</th>
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<td>So far, Altmetric has seen 10 news stories from 7 outlets.</td>
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**redOrbit**
Bottom-Feeding Observed In Gulf Of Maine Humpback Whales
redOrbit, 31 Oct 2013
April Flowers for redOrbit.com - Your Universe Online Humpback whales have exhibited a complex set of feeding techniques...

**Nature World News**
Humpback Whales Are Primarily Bottom Feeders [VIDEO]
Building off recent research that documented three distinct types of bottom feeding tactics deployed by humpback whales...

**ScienceDaily**
Bottom-feeding behavior of humpback whales confirmed
Science Daily, 30 Oct 2013
Scientists have confirmed that humpback whales in the southern Gulf of Maine are spending more feeding time on the ocean floor...

**EarthSky**
The foraging acrobatics of humpback whales
EarthSky, 27 Oct 2013
Acoustic and camera tags attached to the whales revealed a repertoire of feeding acrobatics. The video in this post gives you a...

**Science Newsline**
Research Reveals Bottom Feeding Techniques of Tagged Humpback Whales in Stellwagen Bank Sanctuary
Science Newsline, 26 Sep 2013
New NOAA-led research on tagged humpback whales in Stellwagen Bank National Marine Sanctuary reveals a variety of previously...

**Nature World News**
Humpback Whale's Bottom Feeding Tactics Revealed [VIDEO]
Nature World News, 26 Sep 2013
Humpback whales employ a variety of bottom feeding techniques on the ocean floor. Researchers have learned after studying...
What is the role of librarians?
Scholarly Impact

Learn how to use various tools to evaluate scholarly output.

Introduction

Discovering and documenting one’s research impact is an important part of the scholarly process. This guide is designed to help you understand the methods and tools available for documenting impact.

- **Journal Metrics** shows tools for determining highly-cited journals
- **Citation Metrics** includes instructions for performing cited reference searches in three major resources - Scopus, Web of Science, and Google Scholar - illustrating the number of times an author or published work has been cited.
- **Altmetrics** is a new means of measuring a scholar’s impact based on their presence in the social web using online tools and environments.

Getting Started

To be sure that your scholarly impact is accurately represented, we recommend that you do three things:

1. Register for ORCID

   ORCID (Open Researcher and Contributor Identification) is an initiative to provide researchers and scholars with a persistent, unique identifier. This will enable individuals to get recognized for all their scholarly output, in both established and emerging media. With broad-based support from publishers, academic institutions, and funders, ORCID registration and services are free to individuals. Sign up at [http://about.orcid.org/](http://about.orcid.org/).
Lunch & Learn: Demonstrating Your Scholarly Impact

Friday, February 26, 2016

Quantifying scholarly output via citation metrics is the long-standing practice to gauge academic success. While there are many limitations to this practice, the tools and methods used are important for scholars to understand. This workshop, led by Anne Rauh, Science & Engineering Librarian and Interim Collection Development and Analysis Librarian for Syracuse Libraries, taught participants to demonstrate the impact of their work through metrics such as impact factor, h-index, and citation counts. It discussed access to the tools that provide these metrics and best practices for demonstrating one's scholarly impact.
Collections

Robin Champieux and Stacy Konkiel, ER&L 2016
Leading by example
“Chris Bourg, director of MIT Libraries, Cambridge, MA, says some librarians may need to help scholars put together the data needed for tenure and promotion reviews.”

Promote yourself

Anne Rauh

7 ACHIEVEMENTS

Open Access
80% of your research is free to read online. This level of availability puts you in the top 26% of researchers.

Global Reach
Your research has been saved and shared in 23 countries. Countries include Australia, Canada, Colombia and 20 more.

Greatest Hit
Your top publication has been saved and shared 129 times. Only 39% of researchers get this much attention on a publication.

Filter by dimension
- buzz (2)
- engagement (3)
- openness (1)
- fun (1)
Altmetrics resources

*A Practical Guide to Altmetrics for Scholarly Communication Librarians* by Natalia Madjarevic

*What Are Altmetrics?* by Stacy Konkiel, altmetrics.com

*Keeping Up With... Altmetrics* by Robin Chin Roemer and Rachel Borchardt
Questions?
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