Altmetrics in the Library

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“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

- Mendeley saves (127) click to show over the last 6 years by multiple readers
- Tweets (15) a year ago

Filter by activity
- Mendeley saves (127)
- Tweets (15)
- Blog posts (1)

5&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
Introduction to altmetrics for science, technology, engineering, and ...
Why libraries?
Relationships

Altmetric

Mendeley

Elsevier

Plum Analytics

EBSCO Information Services
Discovery systems


Publisher: FluX One
DOI: 10.1371/journal.pone.0192322

5. Simulated masking of right whale sounds by shipping noise: Incorporating a model of the auditory periphery

6. Fin Whale Sound Reception Mechanisms: Skull Vibration Enables Low-Frequency Hearing 01/16/22

7. Marine biologists interpret whale sounds

8. Automated detection and localization of bowhead whale sounds in the presence of sonar surveys

Designed for satisfied rocket motors. Our computer (base elements) modeling tool is allowed us to visualize what occurs when sounds interact with the anatomic geometry of the whale’s head. Simulations need two mechanisms that excite both bony ear complexes. (1) the skull-vibration enabled base conduction mechanism and (2) a pressure mechanism transmitted through soft tissues. Bone conduction is the predominant mechanism. The mass density of the bony ear complex and their firm embalmed attachments to the skull are internal across the mysticeti, suggesting that sound reception mechanisms are similar in all baleen whales. Interactions between incident sound waves and the skull cause deformations that induce motion in each bony ear complex, resulting in best hearing sensitivity for low-frequency sounds. This predominant low-frequency sensitivity has significant implications for assessing mysticete exposure levels to anthropogenic sounds. The din of man-made ocean noise has increased steadily over the past half-century. Our results provide valuable data for U.S. regulatory agencies and concerned large-scale industrial users of the ocean environment. This study transforms our understanding of baleen whale hearing and provides a means to predict auditory sensitivity across a broad spectrum of sound frequencies.

Materials Science & Engineering Database

Author: ProQuest Central (purchase pre-March 2016)
Publication Title: FluX One
Publisher: Public Library of Science
Volume: 10
Issue: 1
Date: 01/2015
EISSN: 1932-0231
DOI: 10.1371/journal.pone.0192322
Subjects: Sound, Whales & whaling, Animal behavior, Marine mammals
Language: English

236

Pickled up by 24 users
Dragged by 7
Tried by 1
On 4 Facebook pages
Mentioned in 4 Google posts
64 readers on Medium
Institutional repositories
Research information management systems
And more relationships
What is the role of librarians?
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
Benefits to librarians
Skills

“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

20

About this Attention Score

In the top 25% of all research outputs scored by Altmetric

High Attention Score compared to outputs of the same age (93rd percentile)

Anne Rauh

Achievements

7 ACHIEVEMENTS

Open Access
80% of your research is free to read online. This level of availability puts you in the top 28% 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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