



Le Biblioteche in rete degli Enti di Ricerca Biomedici Italiani



The impact of **Altmetrics** on researchers and on librarian's professional *life*



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IRCCS Policlinico San Matteo of Pavia-
Representative of the *European Association for Health Information and Libraries* - Subgroup EAHIL Metrics

Introduction

- The problem of measuring the scientific and social impact of research publications has been of extreme interest to scientists and scholars since the inception of modern science, but it has always been hard to answer..



ALTMETRICS

Altmetrics combines the traditional Bibliometrics tool with the use of the web

In this context, many web tools are often referred as 'social media' due to their role in supporting communication and building communities



October 26, 2010



A Manifesto..

altmetrics

altmetrics: a manifesto

NO ONE CAN READ EVERYTHING. We rely on filters to make sense of the scholarly literature, but the narrow, traditional filters are being swamped. However, the growth of new, online scholarly tools allows us to make new filters; these altmetrics reflect the broad, rapid impact of scholarship in this burgeoning ecosystem. We call for more tools and research based on altmetrics.

As the volume of academic literature explodes, scholars rely on filters to select the most relevant and significant sources from the rest. Unfortunately, scholarship's three main filters for importance are failing:

- Peer-review has served scholarship well, but is beginning to show its age. It is slow, encourages conventionality, and fails to hold reviewers accountable. Moreover, given that most papers are eventually published somewhere, peer-review fails to limit the volume of research.
- Citation counting measures are useful, but not sufficient. Metrics like the h-index are even slower than peer-review: a work's first citation can take years. Citation measures are narrow; influential work may remain uncited. These metrics are narrow; they neglect impact outside the academy, and also ignore the context and reasons for citation.
- The JIF, which measures journals' average citations per article, is often incorrectly used to assess the impact of individual articles. It's troubling that the exact details of the JIF are a trade secret, and that significant gaming is relatively easy.

MEDLINE-indexed articles published per year

about

- What's altmetrics?
- Tools
- Media
- Press
- Tweet #altmetrics

call for papers

The Altmetrics Collection
A PLOS One Collection

workshop

altmetrics14 workshop
An ACM Web Science Conference 2014 Workshop
Bloomington, IN • 23 June 2012

resources

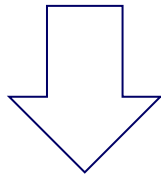
- altmetrics @Mendeley
- altmetrics @Google Groups
- altmetrics @FriendFeed
- altmetrics @LinkedIn

upcoming events

- 23 June 2013: altmetrics14 workshop (ACM Web Science Conference 2014)
- 11-12 April 2013: Rigour and Openness in 21st Century Science (Oxford)

Tomorrow's filters: altmetrics

NO ONE CAN READ EVERYTHING...



altmetrics is the creation and study of new metrics based on the Social Web for analyzing, and informing scholarship.

<http://altmetrics.org/manifesto/>

Altmetrics in Pills



What are “altmetrics”?

- “Alternative Metrics”
- new ways of measuring different, non-traditional forms of **impact**, potentially of non-traditional outputs.
- “alternative to *only using* citations”, not “alternative to citations”.
- *complementary* to traditional citation-based analysis.

The data defined Altmetrics are aggregated from various online resources:

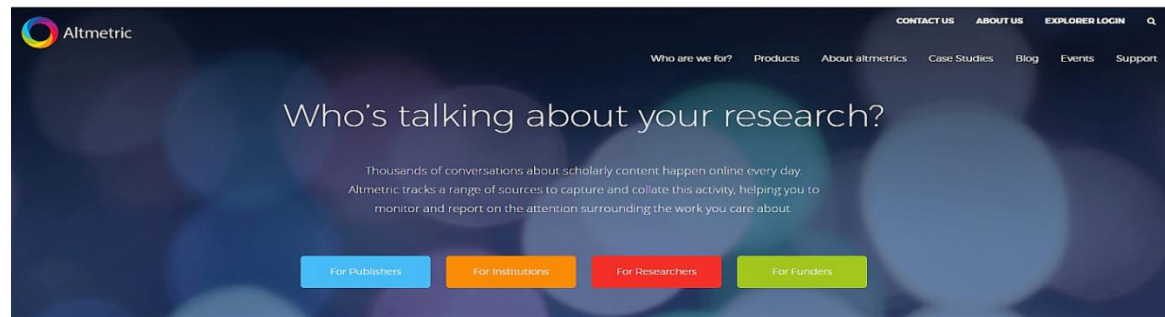


Altmetrics Tools:

- There are various portals that use Altmetrics. The main ones are:
- **Almetric.com** : Collection of article-level metrics;
- **PLoS Article Level Metrics**: series of measures that can be used to monitor the impact of research on individual articles (instead of journals), during the time published by PLoS;
- **Impact Story**: Aggregates parameters from numerous resources and generates reports for the individual researcher;
- **Plum Analytics**: the provider of *PlumX*, a product that delivers a more complete picture of research and answers questions on research impact for everyone (including researchers, librarians, administrators, and funders)

Altmetric.com:

- Altmetric (<http://www.altmetric.com>) born as a London-based start-up founded by Euan Adie in 2011.



The portal provides three main

- **Explorer**
- **Explorer for institution**
- **Bookmarklet**
- **Badge**

Individual users and librarians can use Altmetric.com with a free bookmarklet, while a commercial license is required in the case of publishers, funders and institutions

Altmetric Track..*More* than Social Media

News outlets

1,300+ sites
Text mining
Global coverage

Post-publication peer review

Publons
Pubpeer

Policy documents

- NICE Evidence
- Intergovernmental Panel on Climate Change
- Many more...

Reference managers

Mendeley etc
Demographics

Other sources

Wikipedia
Youtube
Reddit
F1000
Q&A

Social media and blogs

Twitter, Facebook,
Google+, Sina Weibo
Public posts only
8,000+ Blogs

Pure with Altmetric Donut

The screenshot shows the website of the Italian Ministry of Health, specifically the Scientific IRCCS Network. The page displays a research article titled "Small Amounts of Gluten in Subjects With Suspected Nonceliac Gluten Sensitivity: A Randomized, Double-Blind, Placebo-Controlled, Cross-Over Trial". The article is authored by Antonio Di Sabatino, Umberto Volta, Chiara Salvatore, Paolo Biancheri, Giacomo Caio, Roberto Stefano, and Gino R. Corazza. The article is published by IRCCS Fondazione Policlinico San Matteo. The Altmetric donut chart shows 947 total mentions, broken down as follows: 10 news outlets, 5 blogs, 914 tweets, 240 Facebook pages, 13 Google+ posts, 12 Reddits, and 66 readers on Mendeley. The page also includes an abstract and a link to the document.

Ministero della Salute
Italian Ministry of Health

Scientific IRCCS Network
General Directorate for health and Biomedical Research

Direzione Generale della Ricerca Sanitaria e Biomedica

Home Experts Research Units Research Output

Enter search terms... Q

Small Amounts of Gluten in Subjects With Suspected Nonceliac Gluten Sensitivity: A Randomized, Double-Blind, Placebo-Controlled, Cross-Over Trial

Antonio Di Sabatino ; Umberto Volta ; Chiara Salvatore ; Paolo Biancheri ; Giacomo Caio ; Roberto Stefano ; Gino R. Corazza

IRCCS Fondazione Policlinico San Matteo

14 Citations

947

- Picked up by 10 news outlets
- Blogged by 5
- Tweeted by 914
- On 240 Facebook pages
- Mentioned in 13 Google+ posts
- Reddited by 12
- 66 readers on Mendeley

See more details | Close this

Abstract

There is debate over the existence of nonceliac gluten sensitivity (NCGS) intestinal and extraintestinal symptoms in response to ingestion of gluten-containing foods by people without celiac disease or wheat allergy. We performed a randomized, double-blind, placebo-controlled, cross-over trial to determine the effects of administration of low doses of gluten to subjects with suspected NCGS. Methods: We enrolled 61 adults without celiac disease or a wheat allergy who believed ingestion of gluten-containing food to be the cause of their intestinal and extraintestinal symptoms. Participants were assigned randomly to groups given either 4.375 g/day gluten or rice starch (placebo) for 1 week, each via gastrosoluble capsules. After a 1-week gluten-free diet, participants crossed over to the other group. The primary outcome was the change in overall (intestinal and extraintestinal) symptoms, determined by established scoring systems, between gluten and placebo intake. A secondary outcome was the change in individual symptom scores between gluten vs placebo. Results: According to the per-protocol analysis of data from the 59 patients who completed the trial, intake of gluten significantly increased overall symptoms compared with placebo ($P = .034$). Abdominal bloating ($P = .040$) and pain ($P = .047$), among the intestinal symptoms, and foggy mind ($P = .019$), depression ($P = .020$), and aphthous stomatitis ($P = .025$), among the extraintestinal symptoms, were significantly more severe when subjects received gluten than placebo. Conclusions: In a cross-over trial of subjects with

Access to Document

10.1016/j.cgh.2015.01.029

Link to publication in Scopus

Donut Details

Small Amounts of Gluten in Subjects with Suspected Nonceliac Gluten Sensitivity: a Randomized, Double-Blind, Placebo-Controlled, Cross-Over Trial.

Overview of attention for article published in Clinical Gastroenterology and Hepatology, February 2015



About this score

In the top 5% of all research outputs scored by Altmetric

MORE...

Mentioned by

- 10 news outlets
- 5 blogs
- 914 tweeters
- 240 Facebook pages
- 13 Google+ users
- 12 Redditors

Readers on

- 66 Mendeley

What is this page?

SUMMARY
News
Blogs
Twitter
Facebook
Google+
Reddit

Title Small Amounts of Gluten in Subjects with Suspected Nonceliac Gluten Sensitivity: a Randomized, Double-Blind, Placebo-Controlled, Cross-Over Trial.

Published in Clinical Gastroenterology and Hepatology, February 2015

DOI 10.1016/j.cgh.2015.01.029 [↗](#)

Pubmed ID 25701700 [↗](#)

Authors Antonio Di Sabatino, Umberto Volta, Chiara Salvatore, Paolo Biancheri, Giacomo Caio, Roberto De... [\[show\]](#)

Abstract There is debate over the existence of nonceliac gluten sensitivity (NCGS) -intestinal and extra-inte... [\[show\]](#)

[View on publisher site](#)

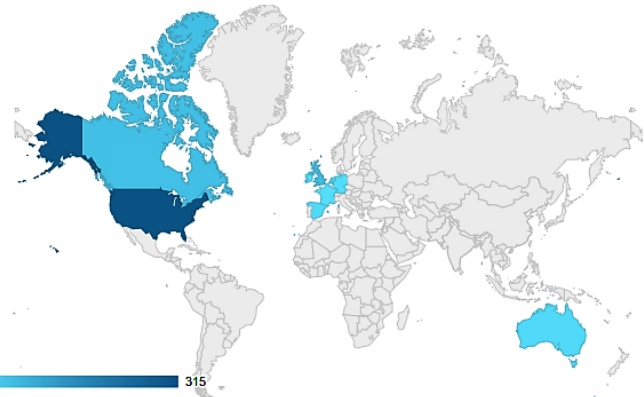
Alert me about new mentions

TWITTER DEMOGRAPHICS

MENDELEY READERS

SCORE IN CONTEXT

The data shown below were collected from the profiles of 914 tweeters who shared this research output. [Click here to find out more about how the information was compiled.](#)

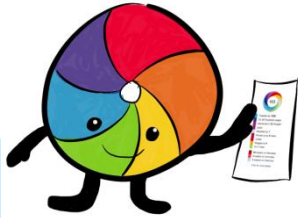


Geographical breakdown

Country	Count	As %
United States	315	34%
Canada	66	7%
United Kingdom	65	7%
Netherlands	21	2%
Australia	19	2%
Spain	17	2%
Ireland	10	1%
Germany	10	1%
France	8	1%
Other	64	7%
Unknown	319	35%

Demographic breakdown


Type	Count	As %
Members of the public	691	76%
Practitioners (doctors, other healthcare professionals)	135	15%
Scientists	56	6%



Donuts



- The color and the number inside the donut changes for on each papers.












Prophylactic Use of a Probiotic in the Prevention of Colic, Regurgitation, and Functional Constipation: A Randomized Clinical Trial
JAMA Pediatrics

- The colors reflect the mix of sources on which the article was cited. For example, blue means it has been tweeted



Altmetric score of **249** ✕

-  Picked up by **12** news outlet(s)
-  Blogged by **2**
-  Tweeted by **184**
-  On **47** Facebook page(s)
-  Mentioned in **7** Google+ post(s)
-  Reddited by **1**
-  **29** readers on Mendeley
-  **0** readers on Connotea
-  **0** readers on CiteULike

[Click for more details](#)

Almetric Badge

Article metrics for:

High-security labs: Life in the danger zone

Vivien Marx

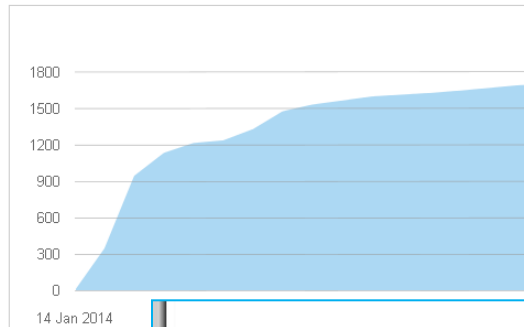
Nature 505, 437-441 (16 January 2014) | doi:10.1038/505437a

Last updated: 17 February 2014 16:58:25 EST

Total citations



Page views



Wiley Online Library

THE COCHRANE LIBRARY
Independent high-quality evidence for health care decision making
from The Cochrane Collaboration

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Medical Terms (MeSH) >
Search Manager >

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More Articles like this
Request Permissions
Share |


Mentioned by 40

Almetric 40

Am Scopus 40

29

Choose a badge type.

nature publishing group 

 WILEY-BLACKWELL

 CAMBRIDGE UNIVERSITY PRESS

 BioMed Central
The Open Access Publisher



 Cell
PRESS

Our Trail

Altmetric Explorer My workspaces Explore the data **Explore my institution** Help

Logged in as v.scotti@smatteo.pv.it

Lilliput University

86 authors 17,900 items 11,750 mentioned

Authors Departments Journal subjects Custom groups

Type to filter A B C D E F G H I J K L M N O P Q R S T U V W X Y Z ALL

All authors	17,900 articles	11,750 mentioned
ANDERSSON, Benilda	121 articles	121 mentioned
ARNOTT, Richard	180 articles	3 mentioned
BACON, Frank	117	117

From publisher
With handle prefix

My custom groups

Add a new article group

ARTICLE LIST

Articles 2014 Scientific Production 2014	664 articles	308 mentioned	Edit Delete
Fondazione IRCCS Policlinico San Matteo San Matteo Hospital	640 articles	285 mentioned	Edit Delete

How to use Altmetrics?



Do not ask what Altmetrics can do for you

But....

What you can do with Altmetrics

Workflow 2.0

Central database at
the Ministry of
Health call
WORKFLOW 2.0

WORKFLOW DELLA RICERCA 2.0

Bandi Monitoraggio Anagrafe progetti Ricerca corrente

seleziona

Anno: 2015

Ricerca corrente

Programmazione

Linee di ricerca

Programmi

Progetti RC

Rendicontazione

Ricercatori

• Pubblicazioni

Trials clinici

Potenzialita progetti

Progetti finanziati nell'anno

Reportistica

Report RC

Informazioni

Modulistica

Modulo RC-E1

Modulo RC-E2

RF2013: Convenzione RF allegato 1

RF2013: Convenzione WP allegato 1

RF2013: Facsimili Dichiarazioni Convenzionamento

Modulo RF-FIN1

Modulo RF-FIN2

Modulo RF-RIM1

Modulo RF-RELFIN1

Modulo RF-RELINT1

Pubblicazioni

Id	Titolo Pubblicazione	Rivista	Autori
☒	TRAPIANTO DI ORGANI TORACICI E MALATTIE INVALIDANTI DI CUORE E POLMONE - SPECIALIZZAZIONE DISCIPLINARE: TRAPIANTOLOGIA, MALATTIE CURABILI CON TRAPIANTO D'ORGANI, TESSUTI E CELLULE (62)		
☒	TRAPIANTO DI ORGANI ADDOMINALI E MALATTIE INVALIDANTI DI FEGATO, RENE, PANCREAS ED INTESTINO - SPECIALIZZAZIONE DISCIPLINARE: TRAPIANTOLOGIA, MALATTIE CURABILI CON TRAPIANTO D'ORGANI, TESSUTI E CELLULE (23)		
☒	TRAPIANTO DI MIDOLLO OSSEO O CELLULE E MALATTIE EMATOLOGICHE, IMMUNOLOGICHE ED ONCOLOGICHE - SPECIALIZZAZIONE DISCIPLINARE: TRAPIANTOLOGIA, MALATTIE CURABILI CON TRAPIANTO D'ORGANI, TESSUTI E CELLULE (73)		
☒	MEDICINA RIPARATIVA DI ORGANI E TESSUTI; CELLULE STAMINALI; DIAGNOSTICA E TERAPIA CELLULARE - SPECIALIZZAZIONE DISCIPLINARE: TRAPIANTOLOGIA, MALATTIE CURABILI CON TRAPIANTO D'ORGANI, TESSUTI E CELLULE (47)		
☒	IMMUNOLOGIA DEI TRAPIANTI. IMMUNODEPRESSIONE ED INFEZIONI - SPECIALIZZAZIONE DISCIPLINARE: TRAPIANTOLOGIA, MALATTIE CURABILI CON TRAPIANTO D'ORGANI, TESSUTI E CELLULE (62)		
☒	MALATTIE CRONICHE SU BASE IMMUNITARIA E IMMUNOINFETTIVA. IMMUNOTERAPIA - SPECIALIZZAZIONE DISCIPLINARE: MALATTIE INTERNISTICHE AD ALTA COMPLESSITÀ BIOMEDICA E TECNOLOGICA (64)		
☒	MALATTIE DA ALTERATA CONFORMAZIONE /ESPRESSIONE PROTEICA O GENETICA; MODELLI DI MALATTIA - SPECIALIZZAZIONE DISCIPLINARE: MALATTIE INTERNISTICHE AD ALTA COMPLESSITÀ BIOMEDICA E TECNOLOGICA (65)		
☒	TERAPIE INNOVATIVE E AD ALTA DOMANDA TECNOLOGICA; ORGANI ARTIFICIALI; INTERVENTISTICA MINIINVASIVA O ROBOTIZZATA; APPLICAZIONI MEDICHE DELLE PARTICELLE AD ALTA ENERGIA - SPECIALIZZAZIONE DISCIPLINARE: MALATTIE INTERNISTICHE AD ALTA COMPLESSITÀ BIOMEDICA E TECNOLOGICA (82)		
☒	VALUTAZIONE DIAGNOSTICA, PROGNOSTICA E TERAPEUTICA INTEGRATA E GESTIONE INTERDISCIPLINARE DI MALATTIE AD ALTA COMPLESSITÀ BIOMEDICA - SPECIALIZZAZIONE DISCIPLINARE: MALATTIE INTERNISTICHE AD ALTA COMPLESSITÀ BIOMEDICA E TECNOLOGICA (132)		

610 Elementi

WR2 2.0 ver. 1.4 (1511)

<http://ricerca.cbim.it/index.html>

Central Database

Record in our Database (by FileMarker 6)

n. proc. 6308 scelta area prof. 1 ok link su web Haematologica315 verificato (presente in entrambi i lati) [File mancar](#)

TITOLO Bone marrow immunophenotyping by flow cytometry in refractory cytopenia of childhood.

FRONTE Haematologica. 2015 Mar;100(3):315-23

lingua aree ministero sanita ANNO 2015 chiesti in biblio

AUTORI posizione smattei NOIE CLINICHE

Aalbers A M	1	50	UNITA' OPERATIVA DI ONCOEMATOLOGIA PEDIATRICA	
Van Den Heuvel	2			
Baumann I				
Dworzak M				
Hasle H				
Locatelli F				
De Mberloose B				
Schmugge M				
Mejstrikova E				
Novakova M				
Zecca M				
Zwaan C M				
Te Marvelde J G				
Langerak A W				
Van Dongen J J				
Peters R				
Niemeyer C M				
Van Der Velden V H				

note impact factor 5,814 IF norm. 3 note su scival <File mancante>

affiliazione si

rivista roma HAEMATOLOGICA volume 100 da pag 315 new IF da pag a pag 315-323 tipo lavoro Journal Article; Research

da mandare a roma fascicolo 3 a pag 323

area per roma

autori uniti Aalbers AM, van den Heuvel Eibrink MM, Baumann I, Dworzak M, Hasle H, Locatelli F, De Mberloose B, Schmugge M, Mejstrikova E, Novakova M, Zecca M, Zwaan C M, Te Marvelde J G, Langerak AW, van Dongen JJ, Peters R, Niemeyer CM, van der Velden VH

area per roma bis

codice smatteo roma 050.4

doppia affiliazione si no

note doppia affiliazione

was accession number 000351279900020

indirizzi Department of Immunology, Erasmus MC, Erasmus University Medical Center, Rotterdam, The Netherlands Department of Pediatric Oncology/Hematology, Sophia Children's Hospital - Erasmus University Medical Center, Rotterdam, The Netherlands.; Department of Pediatric Oncology/Hematology, Sophia Children's Hospital - Erasmus

IF, DoI, PMID and WoS

The screenshot shows the FileMaker Pro interface for a database named 'biblio2013.fp5'. The main window displays a record with the following details:

- Record ID:** 688
- Author:** DI SABATINO A, CORAZZA G R
- Title:** SOME CLARIFICATION IS NECESSARY ON THE OSLO DEFINITIONS FOR COELIAC DISEASE-RELATED TERMS.
- Journal:** GUT. 2013 JAN;62(1):182
- Impact Factor:** 10,732 (highlighted with a blue circle)
- Notes:** da mandare a roma
si

A red-bordered box highlights the following fields:

- wos accession number:** 000312214000023
- PMID:** 22735570
- Doi:** 10.1136/gutjnl-2012-302613
- note wos:** (empty field)

On the left sidebar, the following information is visible:

- perlini
- Record: 720
- Trovato: 617
- Non ordinati

Article

DUENNWALD T, GATTERER H, GROOP PH, BURTSCHER M, BERNARDI L:
EFFECTS OF A SINGLE BOUT OF INTERVAL HYPOXIA ON CARDIORESPIRATORY CONTROL AND
BLOOD GLUCOSE IN PATIENTS WITH TYPE 2 DIABETES.
DIABETES CARE. 2013 AUG;36(8):2183-9

Impactfactor

7,735

My Tools Search History Marked List

Add to Marked List 1 of 1

Citation Network

4 Times Cited
35 Cited References
View Related Records

CitazioneCalcolata 4

Type 2 Diabetes Mellitus

Overview of attention for article published in
Diabetes Care, January 2013



Altmetrics_CitazioneCalcolata Score 1

My Scopus

Cited by 4 documents

Microvascular oxygen partial pressure during hyperbaric oxygen in diabetic rat skeletal muscle
Yamakoshi, K., Yagishita, K., Tsuchimochi, H.
(2012) American Journal of Physiology - Regulatory

Scopus_CitazioneCalcolata Score 4

ALL Metrics

Article

DUENNWALD T, GATTERER H, GROOP PH, BURTSCHER M, BERNARDI L:
EFFECTS OF A SINGLE BOUT OF INTERVAL HYPOXIA ON CARDIORESPIRATORY CONTROL AND
BLOOD GLUCOSE IN PATIENTS WITH TYPE 2 DIABETES.
DIABETES CARE. 2013 AUG;36(8):2183-9

Impactfactor

7,735

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Effects of a Single Bout of Int...

CitazioneCalcolata 4

Altmetric

Effects of a Single Bout of Interval Hypoxia on Cardiorespiratory Control and Blood Glucose in Patients With Type 2 Diabetes Mellitus

Overview of attention for article published in
Diabetes Care, January 2013

Altmetrics_CitazioneCalcolata Score 1

Scopus

Search Alerts Lists

1 of 1

S.Matteo Full Text View at Publisher Export Download

Diabetes Care

Volume 36, Issue 8, 2013, Pages 2183-2189

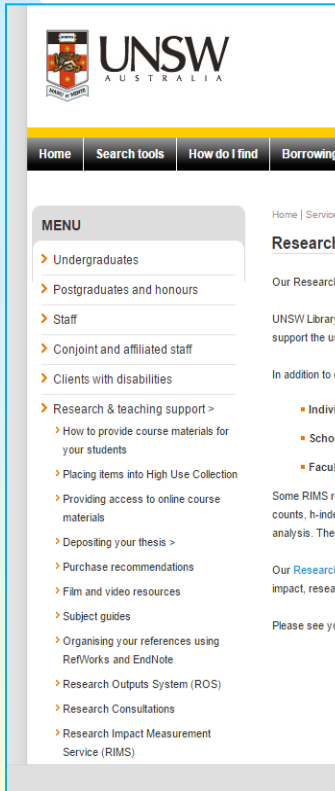
Scopus_CitazioneCalcolata Score 4



And What about Librarians ?

- Libraries can fruitfully support the entire research cycle;
- Librarians can also help researchers to evaluate the impact of their publications and to better understand the needs of their patients;
- Finally, they can play an important, additional support to their users in three important ways:
 - ❑ *informing about emerging conversation within the latest research,*
 - ❑ *supporting experimentation with emerging altmetrics tools,*
 - ❑ *and engaging in early altmetrics education and outreach*
- This role change corresponds to what Priem calls “Scholarly communication specialist”.

Research Support

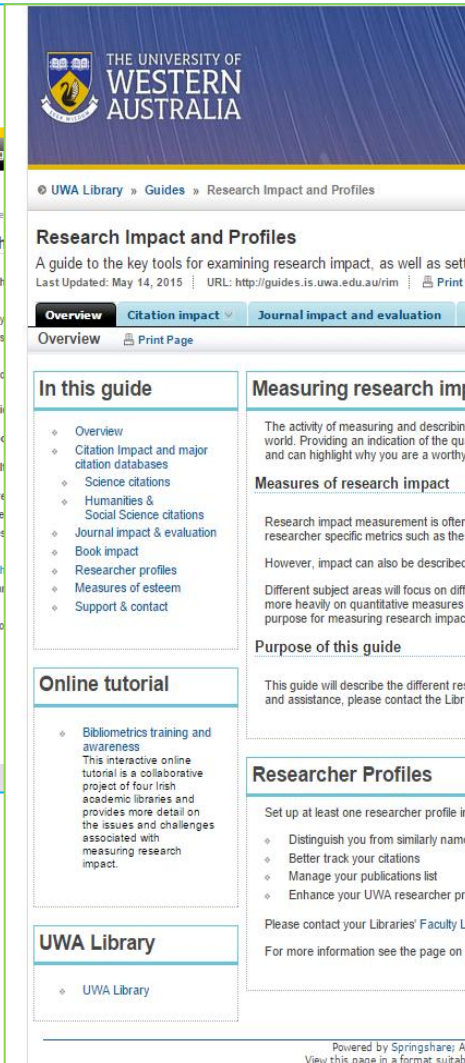


UNSW AUSTRALIA

Home Search tools How do I find Borrowing

MENU

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- Postgraduates and honours
- Staff
- Conjoint and affiliated staff
- Clients with disabilities
- Research & teaching support >
 - How to provide course materials for your students
 - Placing items into High Use Collection
 - Providing access to online course materials
 - Depositing your thesis >
 - Purchase recommendations
 - Film and video resources
 - Subject guides
 - Organising your references using RefWorks and EndNote
 - Research Outputs System (ROS)
 - Research Consultations
 - Research Impact Measurement Service (RIMS)



THE UNIVERSITY OF WESTERN AUSTRALIA

UWA Library > Guides > Research Impact and Profiles

Research Impact and Profiles

A guide to the key tools for examining research impact, as well as setting up your profiles. Last Updated: May 14, 2015 | URL: <http://guides.is.uwa.edu.au/rim> | Print Page

Overview Citation impact Journal impact and evaluation

Overview Print Page

In this guide

- Overview
- Citation Impact and major citation databases
- Science citations
- Humanities & Social Science citations
- Journal impact & evaluation
- Book impact
- Researcher profiles
- Measures of esteem
- Support & contact

Measuring research impact

The activity of measuring and describing world. Providing an indication of the quality and can highlight why you are a worthy researcher.

Measures of research impact

Research impact measurement is often researcher specific metrics such as the h-index. However, impact can also be described in terms of qualitative measures.

Different subject areas will focus on different more heavily on quantitative measures than others. The purpose for measuring research impact.

Purpose of this guide

This guide will describe the different research impact measures and assistance, please contact the Library.

Researcher Profiles

Set up at least one researcher profile in Plum Analytics to:

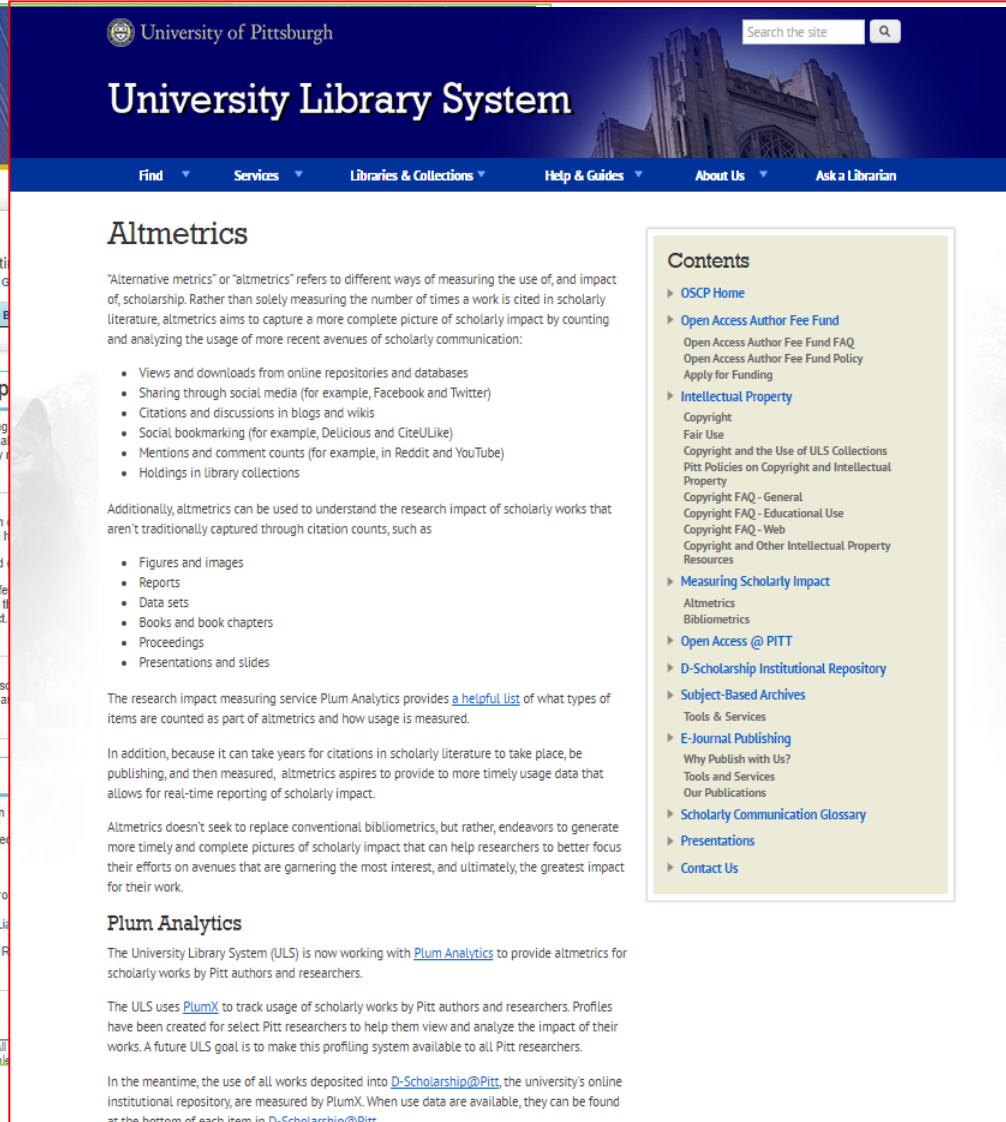
- Distinguish you from similarly named researchers
- Better track your citations
- Manage your publications list
- Enhance your UWA researcher profile

Please contact your Libraries' Faculty Liaison Librarian for more information.

UWA Library

- UWA Library

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Altmetrics

"Alternative metrics" or "altmetrics" refers to different ways of measuring the use of, and impact of, scholarship. Rather than solely measuring the number of times a work is cited in scholarly literature, altmetrics aims to capture a more complete picture of scholarly impact by counting and analyzing the usage of more recent avenues of scholarly communication:

- Views and downloads from online repositories and databases
- Sharing through social media (for example, Facebook and Twitter)
- Citations and discussions in blogs and wikis
- Social bookmarking (for example, Delicious and CiteULike)
- Mentions and comment counts (for example, in Reddit and YouTube)
- Holdings in library collections

Additionally, altmetrics can be used to understand the research impact of scholarly works that aren't traditionally captured through citation counts, such as:

- Figures and images
- Reports
- Data sets
- Books and book chapters
- Proceedings
- Presentations and slides

The research impact measuring service Plum Analytics provides a [helpful list](#) of what types of items are counted as part of altmetrics and how usage is measured.

In addition, because it can take years for citations in scholarly literature to take place, before publishing, and then measured, altmetrics aspires to provide to more timely usage data that allows for real-time reporting of scholarly impact.

Altmetrics doesn't seek to replace conventional bibliometrics, but rather, endeavors to generate more timely and complete pictures of scholarly impact that can help researchers to better focus their efforts on avenues that are garnering the most interest, and ultimately, the greatest impact for their work.

Plum Analytics

The University Library System (ULS) is now working with [Plum Analytics](#) to provide altmetrics for scholarly works by Pitt authors and researchers.


The ULS uses [PlumX](#) to track usage of scholarly works by Pitt authors and researchers. Profiles have been created for select Pitt researchers to help them view and analyze the impact of their works. A future ULS goal is to make this profiling system available to all Pitt researchers.

In the meantime, the use of all works deposited into [D-Scholarship@Pitt](#), the university's online institutional repository, are measured by PlumX. When use data are available, they can be found at the bottom of each item in [D-Scholarship@Pitt](#).

Contents

- OSCP Home
- Open Access Author Fee Fund
 - Open Access Author Fee Fund FAQ
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 - Apply for Funding
- Intellectual Property
 - Copyright
 - Fair Use
 - Copyright and the Use of ULS Collections
 - Pitt Policies on Copyright and Intellectual Property
 - Copyright FAQ - General
 - Copyright FAQ - Educational Use
 - Copyright FAQ - Web
 - Copyright and Other Intellectual Property Resources
- Measuring Scholarly Impact
 - Altmetrics
 - Bibliometrics
- Open Access @ PITT
- D-Scholarship Institutional Repository
 - Tools & Services
- E-Journal Publishing
 - Why Publish with Us?
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Library guide



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Bibliometrics and Altm

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Altmetrics [Comments\(0\)](#) [Print Page](#)

DEFINITION: Altmetrics




Image by Fin Galligan

"The term "altmetrics" is short for "alternative metrics." These are a range of nontraditional metrics that can be used to assess the impact that scholars have on research in their areas of study. They can include the number of article downloads, citation of research in online news/social media sources, Mendeley bookmarks (a web-based system for sharing and extracting information from PDFs and other electronic documents), and nontraditional forms of scholarship.

"Altmetrics are measures of scholarly impact mined from activity in online tools and environments," says Jason Priem, a doctoral student, Royster Fellow at the

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Research Impact, Citation Analysis & Altmetrics

Tags: altmetrics, bibliometrics, citation analysis, google scholar, h-index, impact factor, scoopus, web of science

This guide provides information on assessing the impact of research and HSL resources available for citation analysis.

Last Updated: Sep 23, 2014 | URL: http://uc.v1.libguides.com/researchimpact | [Print Guide](#) | [RSS Updates](#) | [Email Alerts](#)

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Citation Analysis Tools & Instructions
Journal Rankings
Altmetrics
Terms and Definitions
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Welcome to the UC Health Sciences Library's resource guides.

If you have any questions, please do not hesitate to visit the Health Sciences Library or contact the Health Sciences Librarians by phone (513-558-0127) or email. <http://libraries.uc.edu/hsl/>



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Introduction

This guide is designed to bring tools, information, sources and tutorials on citation research together in one place.

The field of bibliometrics is increasingly being used to evaluate the impact of a scholar's work or the importance of a journal in a particular field. Though citation counts and journal impacts are only one way to evaluate research impact, the information provided here will help you prepare for this aspect of the evaluation and review process.

This guide's content and template is a modified version of a guide created at Arizona State University's Library by Lydia LaFaro and Linda Shackle. The original guide can be viewed [here](#). Thank you to the librarians who created the original guide and permitted us to use its content for this UC guide.

Please contact Kristen Burgess with any questions or comments about this guide.

Getting Started

If You Want	Go To
Citation counts for your research publications	Citation Analysis Tools & Instructions
Citation counts from patents	Citation Analysis Tools & Instructions - Alternative Methods
To see who's citing you	Citation Analysis Tools & Instructions
The ranking or impact factor of a specific journal	Journal Rankings
To learn more about the H-index and other new indexes for calculating impact	Terms and Definitions
Explanations of citation research concepts and terminology	Terms and Definitions
More information on the rationale behind citation research	Further Reading
Information on altmetrics	Altmetrics
Citation research tutorials for various databases	Tutorials

Comments (0)

In other words... *Be part of the Process !*



“Knowledge of altmetrics is central to libraries’ and librarians’ new educational role: helping researchers and institutions to understand and manipulate their own impact”.

Proposal for a new EAHIL SIG about

Evaluation and Metrics



The main objectives of this group are:

- to develop a framework to share and discuss information, experiences, and practice about bibliometrics and altmetrics indicators and resources;
- to improve networking and collaboration on metrics-related projects and efforts amongst health librarians and information specialists, and their institutions;
- to contribute to the measurement and assessment of organisational research impact;
- to provide or support continuing professional development on topics of bibliometrics and altmetrics to EAHIL members;
- to organize metrics-related training courses and develop tutorials and materials for researchers and librarians;
- to represent EAHIL and collaborate with other organizations or associations working on this field. .

Thank you for your
attention!

Questions ?

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New Librarian skill

ASSESSING THE IMPACT OF RESEARCH
A Bernard Becker Medical Library Project

Becker Medical Library Model

[About this Website](#)
[Benefits of using the Model](#)

The Becker Medical Library Model for Assessment of Research is intended to be used as a supplement to publication. The Model also includes guidance for quantifying and documenting research impact.

About this Website

The purpose of this website is to provide a framework for:

- Guidance for quantifying and documenting research impact
- Resources for locating evidence of research impact
- Strategies for enhancing research impact

Benefits of Assessment of Research

- Quantify and document research impact
- Justify future requests for funding
- Quantify return on research investment
- Discover how research findings are being used
- Identify similar research projects
- Identify possible collaborators
- Determine if research findings are duplicated, combined, or extended
- Determine if research findings were extended (disseminated)
- Confirm that research findings were properly attributed
- Demonstrate that research findings are resulting in new research
- Discover community benefit as a result of research
- Progress reports
- Tenure
- Promotion dossiers

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FOR COMMUNITY PARTNERS > ABOUT > ICTS ADMINISTRATION > TRACKING AND EVALUATION

Tracking & Evaluation

The Tracking and Evaluation (T&E) Program is committed to designing and implementing a rigorous, evidence-based evaluation of the Washington University Institute of Clinical and Translational Sciences (ICTS). This evaluation provides quantitative and qualitative data that can be used to demonstrate achievement of the ICTS specific aims, to guide strategic planning and ICTS program improvement, and to illustrate how the ICTS is helping the national CTSA program achieve its goals. The ICTS evaluation plan is innovative in using state-of-the-art evaluation data feedback tools and evaluation metrics derived from large-scale science evaluation initiatives and in applying network analysis and bibliometric data to measure collaboration and scholarly impact.

The T&E program is structured around a **logic model** which includes details on the evaluation approach, what types of information are collected and analyzed, and how we view the translational science outcomes derived from the successful operation of the ICTS program. According to our logic model, the activities and the outcomes of the ICTS are organized at 3 levels: individual, core, and institutional. The individual elements of the logic model are all directly or indirectly tied to the specific aims of the ICTS. The logic model was developed based on our experience with past large-scale institutional evaluations, after input from the ICTS leadership, and with guidance from other members of the CTSA Evaluation Key Function Committee.

The following tools are used to collect and analyze the tracking data:

- User satisfaction surveys via web based survey software
- Stakeholder interviews
- Social network analysis
- [The Becker Model](#)
- Clinical Research Training Center databases
- Service Tracker: an automated system for providing IRB, investigator and grant information for ICTS Core personnel for tracking services provided to ICTS members
- Bibliographic databases and tools
- Administrative Core member, services and funding program databases

The T&E team brings together individuals with extensive experience in academic and public health evaluation, transdisciplinary science, social and organizational network analysis, and bibliometrics:

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National CTSA
Leadership
Community Advisory Board
ICTS Administration
Administrative Core
Tracking and Evaluation
Member Directory
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