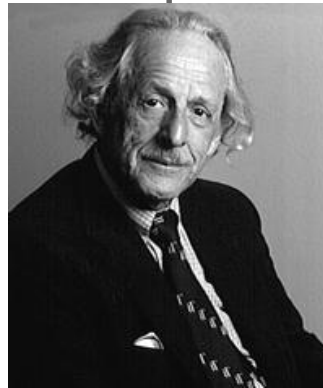


Data-Driven Research Intelligence

Peter Derycz, CEO & President
Reprints Desk, Inc.



Before We Begin...A Tribute



Eugene Garfield

Founder of bibliometrics and
scientometrics





Eugene Garfield + UCLA Libraries: Petri Dish for a Business Idea





So what do we
mean by “data”
& “data-driven”?

And
what
about
**Research
Intelligence**
?





**Research
Intelligence
is evolving**

A few modern day examples...



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"Most scientific breakthroughs have been preceded by the invention of new tools."

Mark Zuckerberg
Co-founder, Chan Zuckerberg Initiative

[Learn more](#)

Meta has joined the Chan Zuckerberg Initiative.

[Read Sam's letter](#)

Quertle
AI-based Analytics for Biomedical Big Data

pharma TOP 10 Analytics
Solution Providers-2017

"the most powerful Artificial Intelligence-based discovery solution"

Qinsight™
Premier BioAI™ Discovery & Visual Analytics Solution

IBM Marketplace Search

Watson APIs Products Focus areas Built with Watson

Go beyond artificial intelligence with Watson

With Watson APIs and solutions, businesses are already achieving outcomes – from improving customer engagement, to scaling expertise, to driving innovation and growth.

[Explore Watson products](#) [Try Watson APIs on Bluemix](#)

A hand in a dark blue suit jacket points its index finger towards a central blue hexagon. The background is a blurred image of a person in a blue suit. Overlaid on this is a grid of white-outlined hexagons. The central hexagon is solid blue and contains the text 'MACHINE LEARNING'. Other hexagons contain the following text: 'Data mining' (top), 'AI' (top right), 'Science' (middle right), 'Prediction' (bottom right), 'Analysis' (bottom), 'Artificial intelligence' (middle left), 'Statistics' (bottom left), and 'Algorithms' (top left).

MACHINE LEARNING

**A precursor to true
machine learning
&
artificial
intelligence**

Why does this matter? Why now?

Researchers are drowning in information

Estimated 50+ million journal articles published

1-4 research papers added per minute

Google Scholar indexes 160 million documents

PubMed lists 24 million records

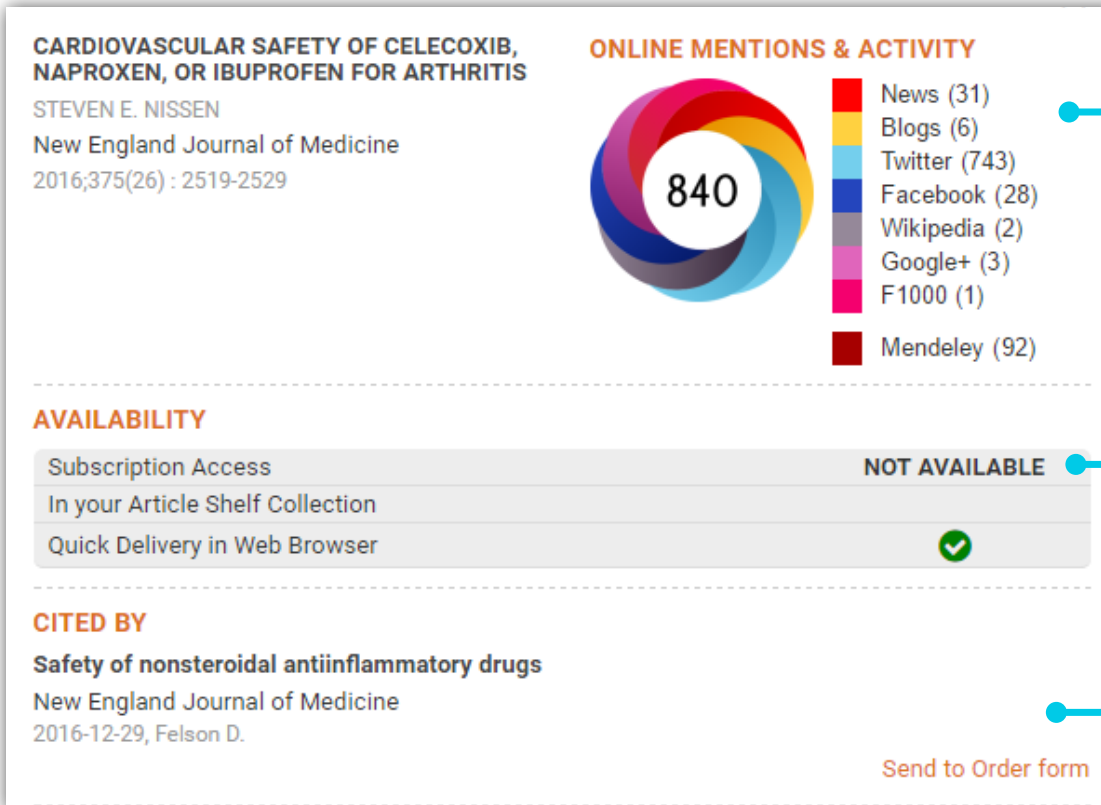
**Plus
research
processes
are
broken**





Data-driven research intelligence can help.

Article Explorer - Your Citation At A Glance



Altmetric Scores

- Measures citation's online popularity
- Click through to details page

Availability Options

- Subscription Access
- PDF in Collection

Cited By / Order Options

- Overview of Cited-By references
- Direct link to order form

Let's look at protein identification **yesterday**

- Subscribe to multiple email alerts
- Read multiple abstracts online
- Navigate & authenticate into multiple websites
- Secure access to multiple PDFs
- Read multiple content assets
- Identify proteins mentioned inside literature
- Navigate to view proteins online



Let's look at protein identification **today**

Journal name

CURRENT TOC: JOURNAL OF LIBRARY & INFORMATION SERVICES IN DISTANCE LEARNING (44 ARTICLES)

From the Editor

2016-06-30 04:40:58

Introduction

2016-07-05 09:02:03

10-Second Demos: Boiling Asynchronous Online Instruction Down to the Essentials with GIF Graphics

2016-07-05 09:01:14

Active Learning with Interactive Videos: Creating Student-Guided Learning Materials

Protein Structure Viewer

STRUCTURE OF HUMAN OXYHAEMOGLOBIN AT 2.1 Å RESOLUTION.
Journal of molecular biology

MIGFILIN, A MOLECULAR SWITCH IN REGULATION OF INTEGRIN ACTIVATION.
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The National Academies Press

When Facts Backfire [C?](#)
Scientific American

Association Between Use of a Scalp

Stock prices

GOOGL	837.32 USD	578.94B	-2.71
AAPL	135.51 USD	710.96B	0.49
MSFT	64.53 USD	498.66B	-0.04

This Morning

+ Add a new to-do

Pending tasks (0)

Completed tasks (2)

- Get Milk completed on February 16, 2017
- Review Proposal completed on February 16, 2017

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[January 30, 2017] Reprints Desk Taps Sharon Mattern Büttiker

Let's look at protein
identification **tomorrow**



Q&A