

Web of Science & InCites

Research data integration

Marcin Kapczynski
Customer Success, Solution Specialist

Scientific & Academic Research
June 2018

2018 Web of Science Development Themes



Differentiate our discovery capabilities

Responding to researcher needs around Open Access, full text, and research data



Improve ease-of-use of analytics

Expanding the value of insights immediately available to users



Unmatched quality and quantity

Improving content breadth and immediacy while maintaining quality indexing & selectivity

Open Access identification

Web of Science

Clarivate Analytics

Search

My Tools ▾ Searches and alerts ▾ Search History Marked List

Results: 50,939
(from Web of Science Core Collection)

You searched for: TOPIC: (microbiome or microbiota) ...More

Create Alert

Refine Results

Search within results for...

Filter results by:

- Highly Cited in Field (1,702)
- Hot Papers in Field (44)
- Open Access (24,023)
- Associated Data (1,655)

Refine

Publication Years

- 2018 (4,267)
- 2017 (10,634)
- 2016 (8,598)
- 2015 (6,602)
- 2014 (5,037)

more options / values...

Refine

Web of Science Categories

- MICROBIOLOGY (10,376)

Sort by: **Date** Times Cited Usage Count Relevance More

Page 1 of 5,094

Select Page 5K Save to EndNote online Add to Marked List Citation Report feature not available. [?]

Analyze Results

- H-1 NMR-Based Metabolic Profiling of Urine from Mice Fed Lentinula edodes-Derived Polysaccharides**
By: Xu, Xiaofei; Yang, Jiguo; Ning, Zhengxiang; et al.
POLISH JOURNAL OF FOOD AND NUTRITION SCIENCES Volume: 68 Issue: 3 Pages: 207-216 Published: SEP 2018
 Times Cited: 0 (from Web of Science Core Collection) Usage Count ▾
- Colonic fermentation of polyphenols from Chilean currants (*Ribes spp.*) and its effect on antioxidant capacity and metabolic syndrome-associated enzymes**
By: Burgos-Edwards, Alberto; Jimenez-Aspee, Felipe; Theoduloz, Cristina; et al.
FOOD CHEMISTRY Volume: 258 Pages: 144-155 Published: AUG 30 2018
 Times Cited: 0 (from Web of Science Core Collection) Usage Count ▾
- Fertilizer N application rate impacts plant-soil feedback in a sanqi production system**
By: Wei, Wei; Yang, Min; Liu, Yixiang; et al.
SCIENCE OF THE TOTAL ENVIRONMENT Volume: 633 Pages: 796-807 Published: AUG 15 2018
 Times Cited: 0 (from Web of Science Core Collection) Usage Count ▾
- Responses of stream microbes to multiple anthropogenic stressors in a mesocosm study**
By: Nuy, Julia K.; Lange, Anja; Beermann, Arne J.; et al.
SCIENCE OF THE TOTAL ENVIRONMENT Volume: 633 Pages: 1287-1301 Published: AUG 15 2018
 Times Cited: 0 (from Web of Science Core Collection) Usage Count ▾
- Microbiota of lutefisk, a Nordic traditional cod dish with a high pH**
By: Lunestad, Bjorn Tore; Grevsokott, Didrik Hjertaker; Roiha, Irja Sunde; et al.
FOOD CONTROL Volume: 90 Pages: 312-316 Published: AUG 2018
 Times Cited: 0 (from Web of Science Core Collection) Usage Count ▾



Article-level Open Access identification helps you find legally available Gold, Hybrid Gold, and Green articles.

Open Access

- All Open Access (12,239,894)
- Gold or Bronze (11,025,171)
- Green Published (777,026)
- Green Accepted (437,697)

Learn more about Open Access versioning in Web of Science

Refine

Full text retriever - Kopernio

<https://www.kopernio.com/>

Web of Science | InCites | Journal Citation Reports | Essential Science Indicators | EndNote | Publons | Marcín | Help | English

Web of Science | Clarivate Analytics

Search | Search Results | My Tools | Searches and alerts | Search History | Marked List

Free Full Text from Publisher | Look Up Full Text | Save to EndNote online | Add to Marked List | 6 of 128

The European research elite: a cross-national study of highly productive academics in 11 countries

By: Kwiek, M (Kwiek, Marek)^[1]
[View ResearcherID and ORCID](#)

HIGHER EDUCATION
Volume: 71 Issue: 3 Pages: 379-397
DOI: 10.1007/s10734-015-9910-x
Published: MAR 2016
Document Type: Article
[View Journal Impact](#)

Abstract

In this paper, we focus on a rare scholarly theme of highly productive academics, statistically systems studied. The upper 10 % of highly productive academics in 11 European countries sit academic knowledge production. In contrast to dominating bibliometric studies of research perceptions as predictors of becoming research top performers across European systems. Of the systematic inequality in knowledge production, for the first time argued for by Lotka (science, big science. Columbia University Press, New York, 1963). We corroborate the deep academic profession. The European research elite is a highly homogeneous group of academics similar factors, mostly individual rather than institutional. Highly productive academics are: differ intra-nationally from their lower-performing colleagues.

Keywords

Author Keywords: Academic profession; Faculty work; Faculty research productivity; Highly universities

KeyWords Plus: PUBLICATION PRODUCTIVITY; SCIENTIFIC PRODUCTIVITY; RESEARCH COLL ADVANTAGE; SCIENCE; TIME

M. Kwiek, *Higher Education* (2015)

Share | Download

High Educ (2016) 71:379–397
DOI 10.1007/s10734-015-9910-x



The European research elite: a cross-national study of highly productive academics in 11 countries

Marek Kwiek¹

Published online: 14 June 2015
© The Author(s) 2015. This article is published with open access at Springerlink.com

Abstract In this paper, we focus on a rare scholarly theme of highly productive academics, statistically confirming their pivotal role in knowledge production across 11 systems studied. The upper 10 % of highly productive academics in 11 European countries studied ($N = 17,211$) provide on average almost half of all academic knowledge production. In contrast to dominating bibliometric studies of research productivity, we focus on academic attitudes, behaviors, and perceptions as predictors of becoming research top

Enable Dropbox integration

Marcín, help us spread the word about Kopernio. When a friend joins we'll upgrade you to **Kopernio Premium** for free, which includes Dropbox integration.

Invite

Current tags:
No tags assigned yet.

Available tags:
Favourite

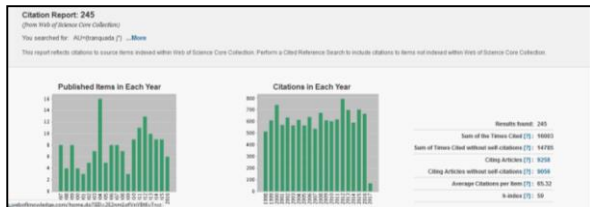


PDF found | View PDF | Print author

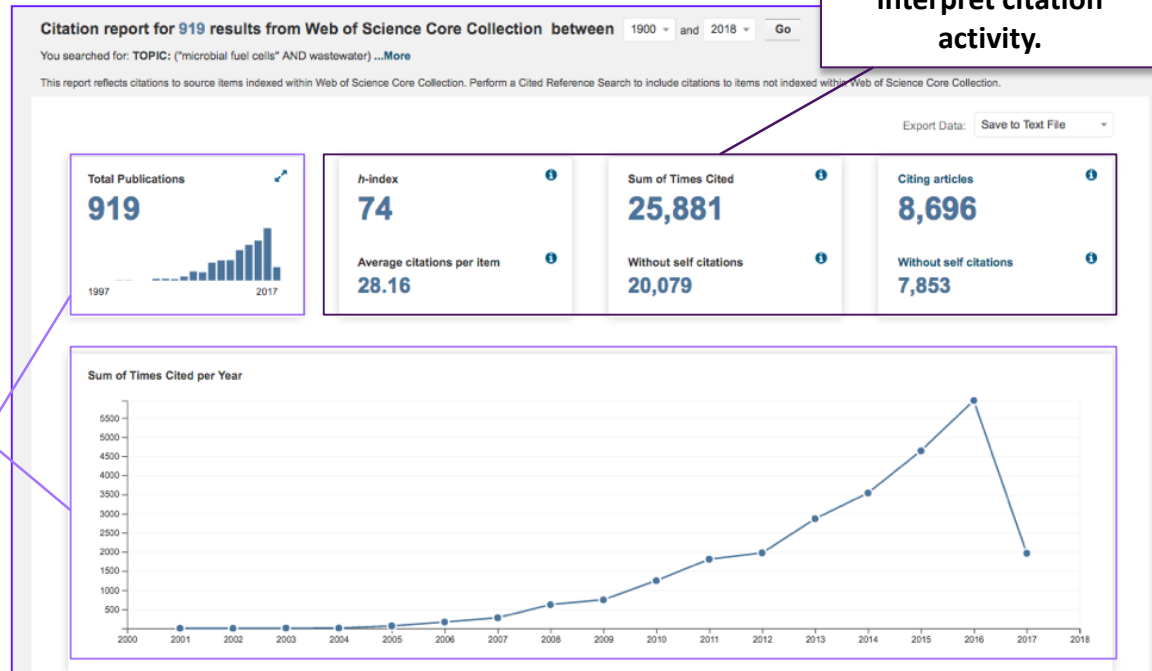
Univ Poznan, Ctr Publ Policy Studies, UNESCO Chair Inst Res & Higher Educ Policy, UI Sz

2017 Analytics Enhancement: Citation Report Redesign

Before



After



Reformatted metrics help you quickly interpret citation activity.

Visualizations expand based on your selection.

Analyze Results Redesign

Before

Results Analysis

[<<Back to previous page](#)

12,954 records. TOPIC: (oil spill)

| Rank the records by this field: | Set display options: | Sort by: |
|---|---|---|
| Authors Book Series Titles Conference Titles Countries/Territories | Show the top <input type="text" value="10"/> Results. Minimum record count (threshold): <input type="text" value="2"/> | <input checked="" type="radio"/> Record count <input type="radio"/> Selected field |

- See information immediately, and change the field for your analysis with a single mouse-click.
- Export visualizations directly to your desktop.

After

Web of Science Clarivate Analytics

Results Analysis [<<Back to previous page](#)

Showing **62,511** records for TOPIC: (perovskite)

Web of Science Categories

Publication Years

Document Types

Organizations-Enhanced

Funding Agencies

Authors

Source Titles

Book Series Titles

Conference/Meeting Titles

Countries/Regions

Editors

Group Authors

Languages

Research Areas

Grant Numbers

Visualization **Treemap** Number of results **20**

| Organization | Record Count |
|---|--------------|
| CHINESE ACADEMY OF SCIENCES | 3,177 |
| RUSSIAN ACADEMY OF SCIENCES | 1,582 |
| UNIVERSITY OF CALIFORNIA SYSTEM | 986 |
| TOHOKU UNIVERSITY | 973 |
| NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE TECHNOLOGY AIST | 911 |
| INDIAN INSTITUTE OF TECHNOLOGY IIT | 802 |
| UNIVERSITY OF TOKYO | 1,314 |
| COUNCIL OF INDUSTRIAL RESEARCH CSIR | 762 |
| MAX PLANCK SOCIETY | 709 |
| NATIONAL INSTITUTE OF MATERIALS SCIENCE NIMS JAPAN | 705 |
| TSINGHUA UNIVERSITY | 701 |
| RECHERCHE SCIENTIFIQUE CNRS | 2,571 |
| CONSEJO SUPERIOR DE INVESTIGACIONES CIENTIFICAS CSIC | 1,225 |
| KYOTO UNIVERSITY | 717 |
| UNIVERSITY OF CHICAGO | 645 |
| UNITED STATES DEPARTMENT OF ENERGY DOE | 2,097 |
| TOKYO INSTITUTE OF TECHNOLOGY | 1,014 |
| JAPAN SCIENCE TECHNOLOGY AGENCY JST | 709 |
| CONSIGLIO NAZIONALE DELLE | 679 |
| NANJING UNIVERSITY | 677 |

Sort by **Record count** Show **25** Minimum record count

Use the checkboxes below to view the records. You can choose to view those selected records, or you can exclude them (and view the others).

Select **Field: Organizations-Enhanced** Record Count % of 62511 Bar Chart

Associated Data in the Web of Science Core Collection

The screenshot shows the Web of Science search results page. The search criteria are: "You searched for: TOPIC: (climat* n ear/1 chang*) ...More". The results are sorted by Date, showing 3,406 results. The first result is "Multiscale change in reef coral species diversity and composition in the Tropical Eastern Pacific" by Gomez, Catalina G.; Gonzalez, Andrew; Guzman, Hector M. The second result is "Effects of thermal stress and nitrate enrichment on the larval performance of two Caribbean reef corals" by Serrano, Xaymara M.; Miller, Margaret W.; Hendee, James C.; et al. The third result is "Salinity and Temperature Futures for the Chesapeake Bay Using a Statistical Downscaling and Aggregation Framework" by Gaitan, Carlos F.; Stock, Charles A.; et al. The fourth result is "Raising awareness of climate change causes? Cross-national evidence for the normalization of societal risk perception of climate change" by Luis, Silvia; Vauclair, Christin-Melanie. A tooltip for the "Associated Data" filter explains: "Articles with associated data mention a data set, data study, or data repository in the Data Citation Index that may be accessed for potential re-use." A green banner at the bottom right of the screenshot reads "Data Citation Index subscription required".

Associated Data

Associated Data filter and record tagging helps you find Web of Science Core Collection records that cite **Data Citation Index** content.

- Exposing research data in search results puts **millions of data sets and data studies directly into your discovery workflow**
- Related data **supports Open Science by bringing more transparency** to the research process.

Welcome to Journal Citation Reports

Search a journal title or select an option to get started

Enter a journal name



Browse by Journal



Browse by Category



Custom Reports



Studies in Science Education

ISSN: 0305-7267
eISSN: 0305-7267
ROUTLEDGE JOURNALS, TAYLOR & FRANCIS LTD
2-4 PARK SQUARE, MILTON PARK, ABBINGDON OX14 4RN, ENGLAND, OXON
ENGLAND

[Go to Journal Table of Contents](#)

TITLES
ISO: Stud. Sci. Educ.
JCR Abbrev: STUD SCI EDUC

LANGUAGES
English

CATEGORIES
EDUCATION & EDUCATIONAL RESEARCH - SSCI

PUBLICATION FREQUENCY
2 issues/year

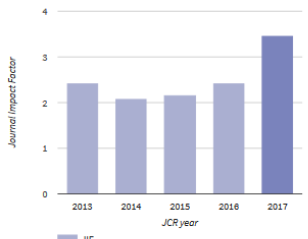
[Current year](#) All years

The data in the two graphs below and in the Journal Impact Factor calculation panels represent citation activity in 2017 to items published in the journal in the prior two years. They detail the components of the Journal Impact Factor. Use the "All Years" tab to access key metrics and additional data for the current year and all prior years for this journal.

Journal Impact Factor Trend

3.455

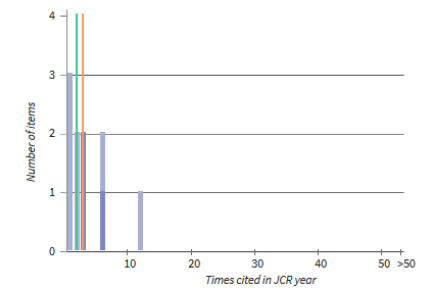
2017 Journal Impact Factor



| JCR year | JIF |
|----------|-------|
| 2013 | ~2.4 |
| 2014 | ~2.1 |
| 2015 | ~2.2 |
| 2016 | ~2.4 |
| 2017 | 3.455 |

Citation distribution

3 Article citation median
2 Review citation median



Number of items vs Times cited in JCR year

Journal Impact Factor Calculation

$$\text{Journal Impact Factor} = \frac{38}{11} = 3.455$$

Journal Impact Factor contributing items

[Show all](#)

Citable items in 2016 and 2015 (11) Citations in 2017 (38)

| TITLE | CITATIONS COUNTED TOWARDS JIF |
|---|-------------------------------|
| Evidence for effective uses of dynamic visualisations in science curriculum materials | 12 |
| By: McElhanev, Kevin W.; Chang, Hsin-Yi; Chiu, Jennifer L.; Linn, Marcia C. | |
| Volume: 51 Page: 49-85 Accession number: WOS:000349466200002 Document Type: Review | |

What questions can I answer with Analyze Results?



Where is my work influential?

Understand impact of authors' publications across disciplines, countries, and institutions.



What research topics are being funded?

Identify trends, white space, and centers of excellence.



Who should my institution be collaborating with?

Identify current partners and key opportunities for collaboration.

Analytics Solutions

Clarivate Analytics Research Evaluation & Management Solutions

High-quality metadata • Research Portals • Custom Dashboards • Expert Consulting

InCites Benchmarking & Analytics

Benchmark your institution's research output against peers worldwide.

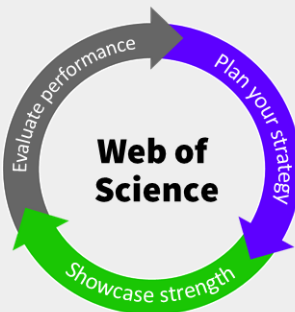


Research Fronts Navigator

Identify hot topics and emerging research areas in fields relevant to your institution to inform your strategic decisions.

APIs and Custom Data

Improve your institutional systems with trustworthy publications data.



XML Dataset

Your faculty can perform large-scale network analytics and "big data" projects that mash up bibliometric data from the Web of Science with other data types.

Converis

Manage the research workflow at your organization with a customizable CRIS system configured to meet your needs.



Professional Services

Our team of PhD consultants can produce custom analyses based on your specific goals, and offer consulting services.



VIVO Services

We can build or improve your VIVO implementation for you, and offer consulting services.



Author Connect Service

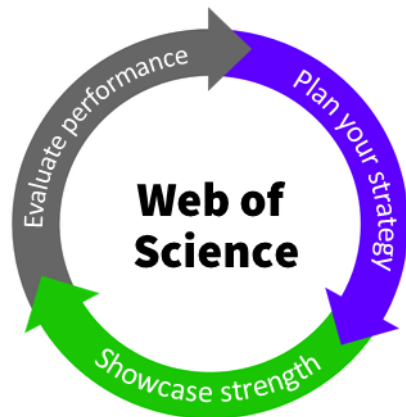
Market your institution to our the world's top researchers.

Evidence-based decision making requires trustworthy evidence.

Support your strategic initiatives with the world's most trusted source of publication and citation data.

Improve your institutional systems with trustworthy publications data

APIs | Custom Data Delivery | VIVO Services



Easy data
integration
into



Are you confident that your strategic decisions are based on the best available data?

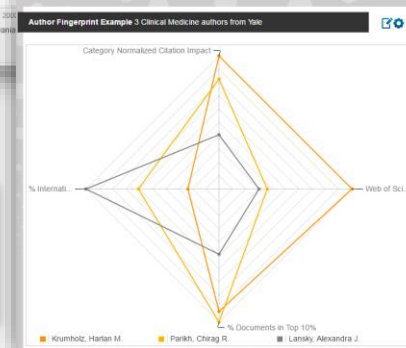
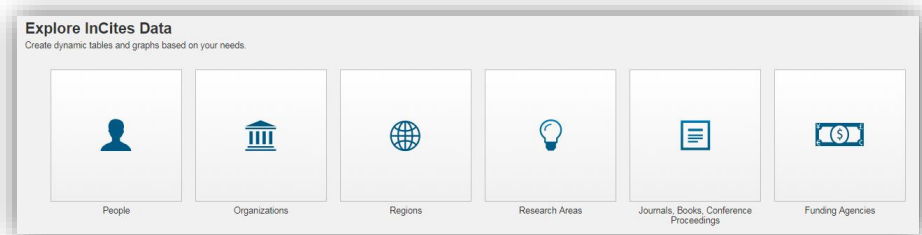
[More information about available services](#)

Benchmark your institution's research output against peers worldwide

InCites Benchmarking & Analytics

With InCites, you can:

- **Showcase your organization's strengths** and identify potential areas for growth.
- **Monitor collaboration activity** and track new collaboration opportunities.
- **Support accreditation activity, funding proposals**, legislative agendas, alumni appeals, and faculty **recruitment**.
- **Plan a research strategy** with metrics that can be tracked over time.
- **Assess library collections**: see which publications your authors cite, and which publications cite your authors



Researcher Report



Local Journal
Utilization Report

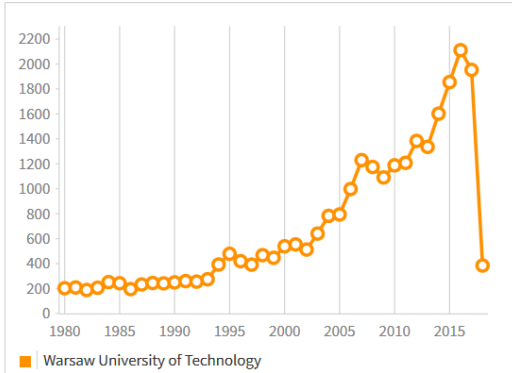


Institution Profile

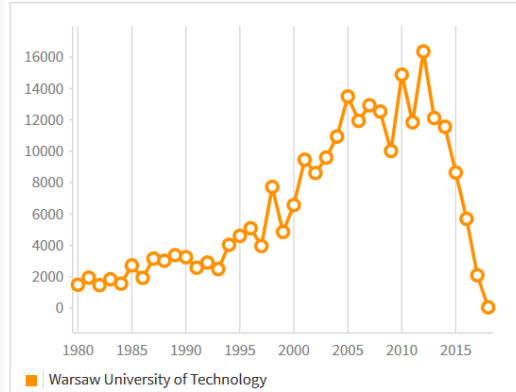


Research Performance

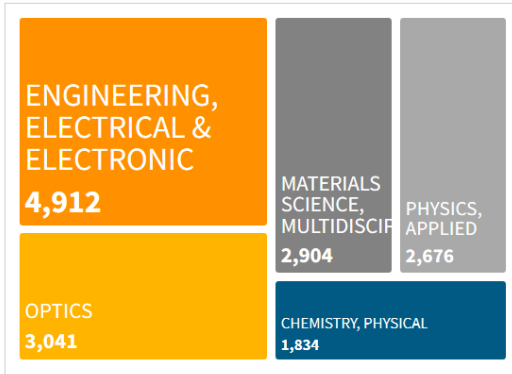
Web of Science Documents per Year Warsaw University of Technology



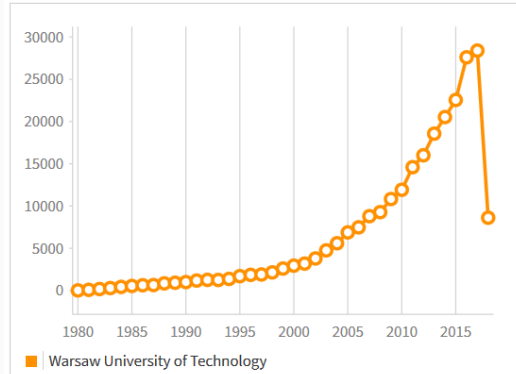
Times Cited Per Year Warsaw University of Technology



Subject Areas: Web of Science Documents Warsaw University of Technology



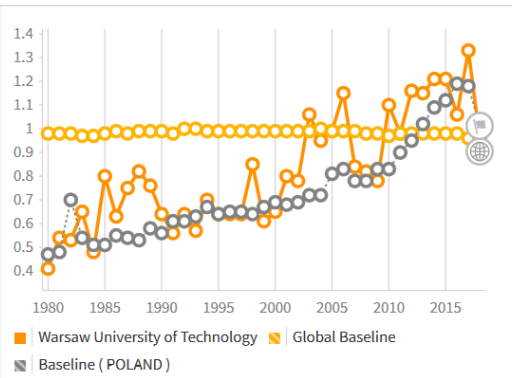
1 Year Citing All Prior Years Cumulative Warsaw University of Technology



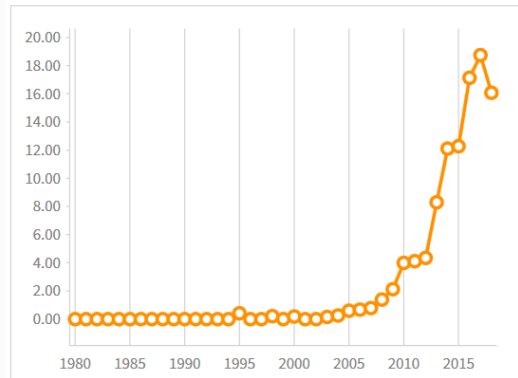


Research Performance

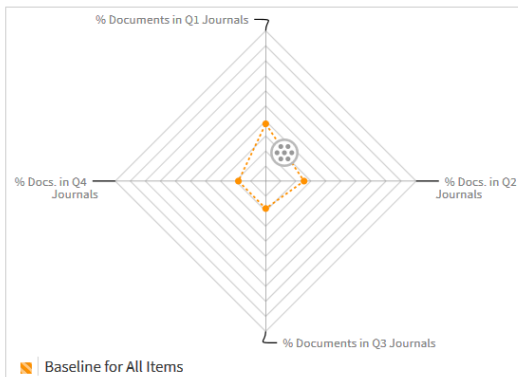
Category Normalized Citation Impact per Year Warsaw University of Technology



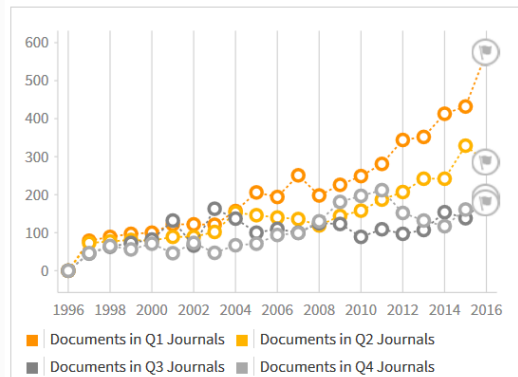
% Open Access Documents per Year Warsaw University of Technology



Percent of Web of Science Documents per JIF Quartile Warsaw University of Technology



Count of Web of Science Documents per JIF Quartile Warsaw University of Technology



2.01 Civil engineering
1.57

2.11 Other engineering and technologies
1.41

2.09 Industrial biotechnology
1.26

| Name | Rank | Category Normalized Citation Impact | ▼ Web of Science Documents | % Docs Cited | Times Cited | % Highly Cited Papers | Rank | Web of Science Documents | ▼ Category Normalized Citation Impact |
|------|------|-------------------------------------|----------------------------|--------------|-------------|-----------------------|---------|--------------------------|---------------------------------------|
| | | (i) | (i) | (i) | (i) | (i) | | (i) | (i) |
| | 1 | 3.66 | 344 | 94.19% | 15,145 | 6.98% | 1 | 619 | 1.57 |
| | 2 | 3.87 | 314 | 93.63% | 14,456 | 7.64% | Refocus | | |
| | 3 | 3.52 | 286 | 93.01% | 10,157 | 6.29% | 2 | 2,469 | 1.41 |
| | 4 | 2.7 | 213 | 70.89% | 1,193 | 5.16% | 3 | 95 | 1.26 |
| | 5 | 2.68 | 203 | 78.33% | 1,741 | 5.42% | 4 | 6,976 | 1.21 |
| | 6 | 4.4 | 200 | 100% | 13,354 | 10% | 5 | 3,324 | 1.16 |
| | 7 | 4.39 | 188 | 100% | 13,407 | 10.64% | 6 | 123 | 1.14 |
| | 8 | 4.41 | 185 | 92.97% | 8,722 | 8.11% | 7 | 47 | 1.12 |
| | 9 | 4.07 | 173 | 91.91% | 6,750 | 7.51% | 8 | 294 | 1.06 |
| | 10 | 1.92 | 172 | 97.09% | 3,968 | 0.58% | | | |
| | 10 | 4.07 | 172 | 91.86% | 6,595 | 6.98% | | | |
| | 12 | 1.13 | 152 | 78.95% | 1,319 | 0% | | | |
| | 13 | 3.96 | 147 | 95.24% | 5,075 | 6.12% | | | |

InCites Benchmarking & Analytics

Researcher ID ORCID

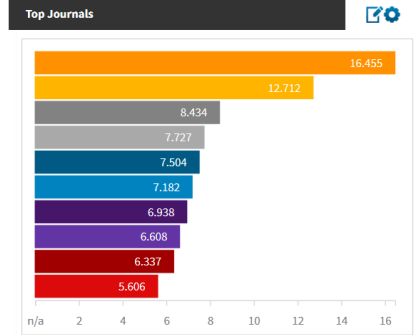
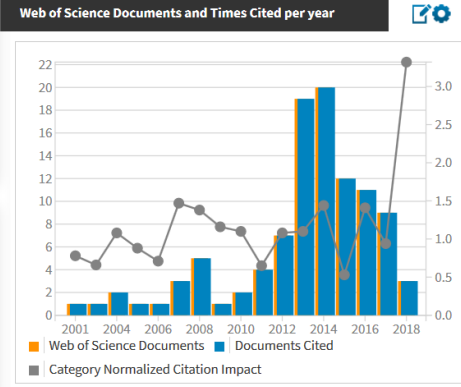
- 0000-0001-5000-0592
- 0000-0001-5000-0138
- 0000-0001-5000-0402
- 0000-0001-5000-0584
- 0000-0001-5000-1018
- 0000-0001-5000-1333
- 0000-0001-5000-2045
- 0000-0001-5000-2336

102
Web of Science Documents

1,757
Times Cited

24
H-Index

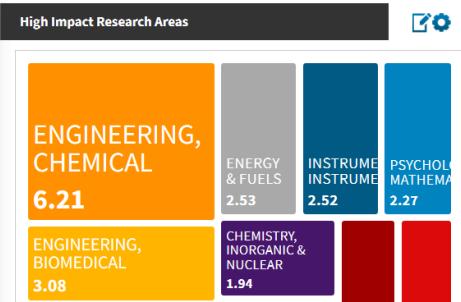
12
% Documents in top 10%



Most Cited Web of Science Documents

| | |
|--|--------|
| AND MEDICINE 2008 | 16,455 |
| Identification of novel bacterial plasminogen-binding proteins in the human pathogen Mycobacterium tuberculosis | 12,712 |
| Journal: PROTEOMICS 2007 | 8,434 |
| Investigation of mode coupling in normal-dispersion silicon nitride microresonators for Kerr frequency comb generation | 7,727 |
| Journal: OPTICA | 7,504 |
| | 7,182 |
| | 6,938 |
| | 6,608 |
| | 6,337 |
| | 5,606 |

[View More Results](#)



44
International Collaborations

181
% International Collaborations

4
Industry Collaborations

4
% Industry Collaborations

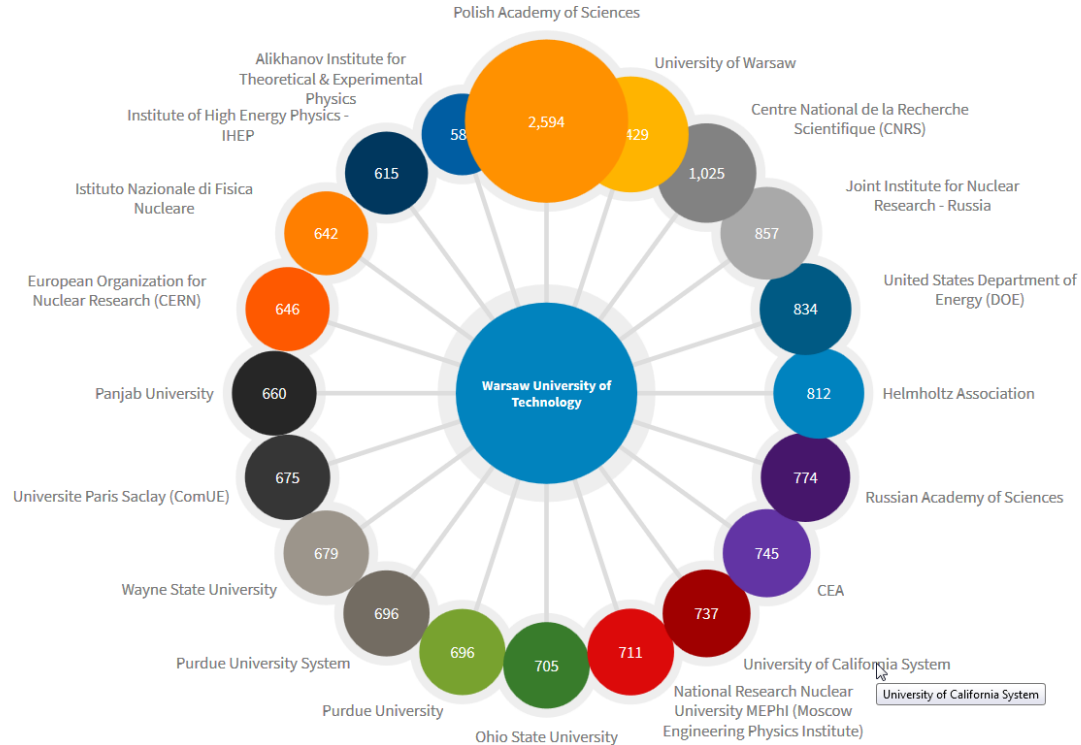
Researcher Report

InCites Benchmarking & Analytics

Collaborating Institutions Network: Web of Science Documents Warsaw University of Technology



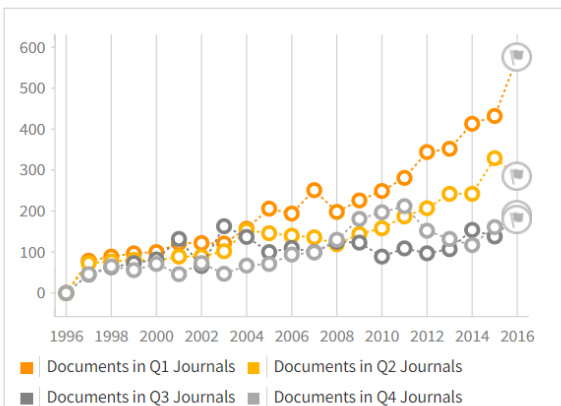
Collaborations



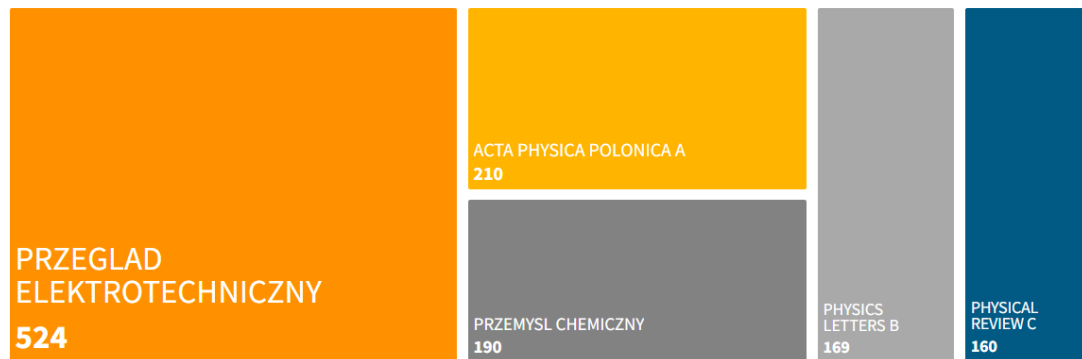


Local Journal Utilization Report

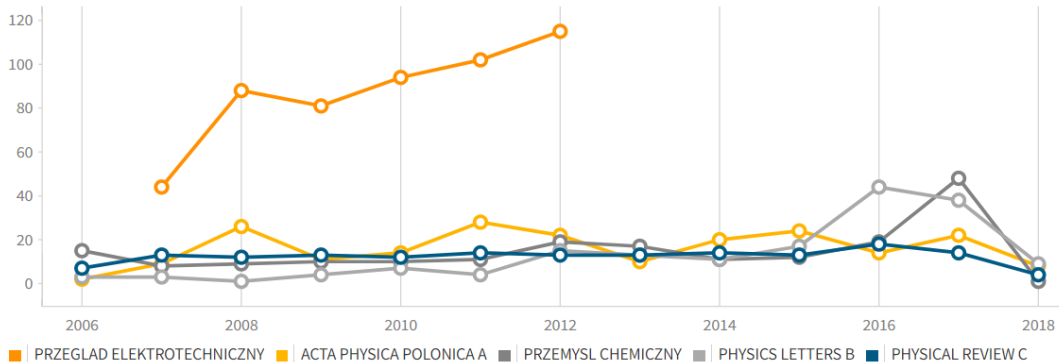
Count of Web of Science Documents per JIF Quartile Warsaw University of Technology



Which journals are Warsaw University of Technology authors citing? Cited Journals by Web of Science Documents and publication year of source document



Are Warsaw University of Technology authors citing recent or older material? Cited Journals by Web of Science Documents and publication year of cited document



Identify Emerging Research Areas

Research Fronts Navigator

- Interactive dashboard of emerging topics in your area of interest
- Each topic is evaluated with the following metrics:
 - Citation and interdisciplinarity metrics
 - Co-citing papers
 - Recency of publications
 - Emerging new field
 - Country and institutional affiliations
 - Funding agencies



Research Fronts About

Chemistry Research Fronts

Clarivate Analytics

Research Fronts

This document highlights 349 emerging Chemistry Research Fronts in December 2016. These Research Fronts were selected from 792 overall Chemistry Research Fronts by ranking each Research Front using the metrics listed in the summary table below.

Click on a Research Front to provide more details about the front.

Search:

| Name | Number of papers | Recency | Mean Year of publication | Emerging new fields | Mean interdisciplinarity |
|--|------------------|---------|--------------------------|---------------------|--------------------------|
| Thioether-Based Fluorescent Covalent Organic Framework for Selective Detection and Facile Removal of Mercury(II) | 9 | 1 | 2016.0 | | 0.426 |
| A Stable Pentagonal Bipyramidal Dy(III) Single-Ion Magnet with a Record Magnetization Reversal Barrier over 1000 K | 4 | 2 | 2016.0 | | 0.495 |
| Rh(III)-Catalyzed Synthesis of N-Unprotected Indoles from Imidamides and Diazo Ketoesters via C-H Activation and C-C/C-N Bond Cleavage | 9 | 3 | 2016.0 | | 0.404 |
| Mechanoresponsive Luminescent Molecular Assemblies: An Emerging Class of Materials | 6 | 4 | 2016.0 | | 0.573 |
| Cooperative Lewis Acid/Cp*Co-III Catalyzed C-H Bond Activation for the Synthesis of Isoquinolin-3-ones | 4 | 5 | 2016.0 | | 0.369 |

Showing 1 to 349 of 349 entries



VIVO

[Connect](#) [Share](#) [Discover](#)

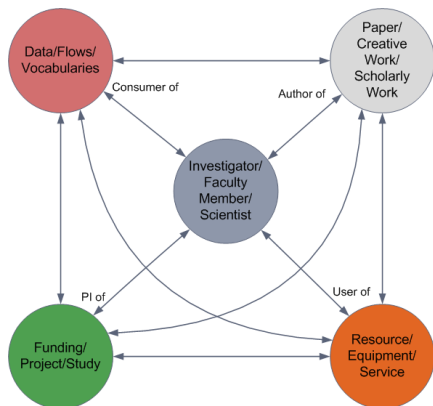
VIVO creates an integrated record of the scholarly work of your organization

What is VIVO?

[VIVO](#) is member-supported, open source software and an ontology for representing scholarship. VIVO supports recording, editing, searching, browsing, and visualizing scholarly activity. VIVO encourages showcasing the scholarly record, research discovery, expert finding, network analysis, and assessment of research impact.

VIVO enables the discovery of research and scholarship across disciplines at that institution and beyond.

| Open Source | Open Community | Open Data |
|---|---|---|
| VIVO, and all VIVO components are provided as open source. Download at GitHub | The VIVO community is open to everyone. You can follow the work of VIVO at the VIVO wiki. | VIVO produces Linked Open Data which is easily shared and combined across VIVO sites. |



- **Researchers** use VIVO to find collaborators from other disciplines, both within their organization and from other organizations.
- **Administrators** use VIVO to fulfill their institutional missions around collaboration and promoting accomplishments

[List of VIVO users](#)



VIVO czyli Semantyczna Baza Wiedzy



Biblioteki akademickie oraz Linked Open Data biblioteki odgrywają coraz większą rolę w różnych projektach Internetu semantycznego, w tym w inicjatywach Linked Open Data (pol. Powiązane Otwarte Dane). Są to działania wpisujące się w takie zagadnienia jak struktury danych, ontologie i kontrolowane słowniki wiedzy, edukacja, programowanie oraz wsparcie techniczne. W aspekcie nauk interdyscyplinarnych, popularne stały się aplikacje do

Dominik Mirosław Piotrowski

[Leave comment](#)

[READ MORE](#)

Witam w cms w bibliotekach

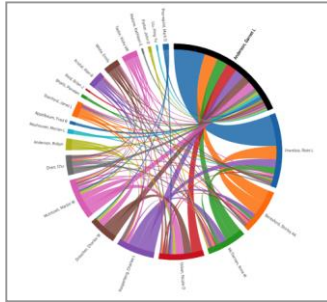
Serwis jest głównym polskim źródłem informacji w Sieci na temat systemów zarządzania treścią w bibliotekach.

Chcesz uruchomić nowoczesną usługę w swojej bibliotece? Zapoznaj się z [Błogiem](#) oraz [Katalogiem CMS](#), aby zobaczyć, jakie rozwiązania są najczęściej wybierane przez ksiąźnice oraz instytucje edukacji i nauki.

Jeśli chciałbyś zaproponować ciekawy temat lub skonsultować problemy technologiczne, to proszę skontaktuj się ze mną.

<http://www.cmswbibliotekach.umk.pl/category/baza-wiedzy/vivo/>

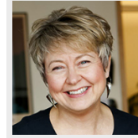
Example: Fred Hutchinson Cancer Center Converis with VIVO and implementation services



Local Co-author Network



Explore areas of expertise



Anderson, Garnet L | PhD

Current Appointments & Affiliations

faculty administrative position

Senior Vice President and Director, Public Health Sciences Division, Fred Hutchinson Cancer Research Center 2013-01-01 -

Associate Director for Cancer Control and Prevention, SWOG Statistical Center, Cancer Prevention Program 2008-01-01 -

Associate Director, SWOG Statistical Center, Cancer Prevention Program

faculty

Principal Investigator, WHI Clinical Coordinating Center, Cancer Prevention Program 2011-01-01 -

Member, Biostatistics and Biomathematics Program, Public Health Sciences Division 2002-01-01 -

Member, Cancer Prevention Program, Public Health Sciences Division 2002-01-01 -

Affiliate Professor, Biostatistics, University of Washington School of Public Health 2005-01-01 -

Affiliate Professor, Biostatistics, University of Washington School of Public Health

endowed chair

Fred Hutch 40th Anniversary Endowed Chair, Fred Hutchinson Cancer Research Center 2016-06-10 -

Expertise

[Biomarkers](#) | [Biostatistics](#) | [Cancer Prevention](#) | [Clinical Trial Design and Conduct](#) | [Ovarian Cancer](#) | [Public Health](#) | [Women's Health Initiative](#)

Garnet L Anderson
(206) 667-4699
garnet@whi.org
0000-0001-5087-7837

Local Co-author Network

[Publications](#) | [News](#) | [Education & Training](#) | [Expertise & Interests](#) | [Activities & Awards](#) | [Trials & Studies](#) | [Videos](#) | [Teaching & Lectures](#) | [Past Positions](#) | [View All](#)

Assessing Lead Time of Selected Ovarian Cancer Biomarkers: A Nested Case-Control Study. 2010

Anderson GL, McIntosh M, Wu LL, Barnett M, Goodman ...
Journal of the National Cancer Institute. 102, 1, p. 26-38.

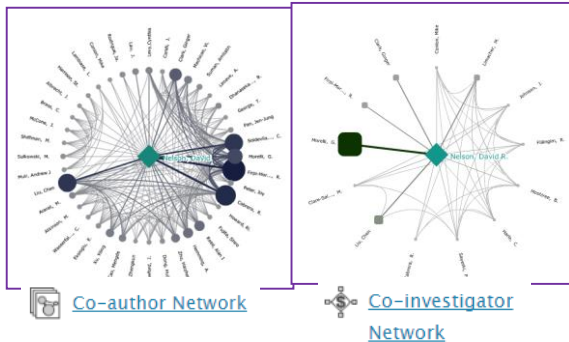
Full Text via DOI: [10.1093/jnci/djp438](https://doi.org/10.1093/jnci/djp438) PMID: 20042715 Web of Science: 000273500400007

Project poster from 2016 VIVO Conference



Example: University of Florida

InCites with VIVO (Web of Science Expanded API for data enrichment)



University of Florida VIVO: <https://vivo.ufl.edu/>

[Technical Presentation on project from 2016 VIVO Conference](#)

VIVO connect • share • discover

Home
People
Organizations
Research
Events

Univ Florida VIVO:

- First created in 2009
- Features over 50,000 publications



Nelson, David | Professor

Positions

- ▶ Professor, [Gastroenterology, Hepatology, and Nutrition](#) 2008 -
- ▶ Director, [Clinical and Translational Science Institute, College of Medicine](#) 2010 -
- ▶ Associate Dean, [Clinical and Translational Science Institute, College of Medicine](#) 2010 -
- ▶ Joint Professor, [Molecular Genetics and Microbiology, College of Medicine](#) 2010 -
- ▶ Assistant Vice President, [Office of Research, Office of the Vice President for Research](#) 2013 -
- ▶ Associate Professor, [College of Medicine, University of Florida Health Science Center](#) 2001 - 2008
- ▶ Assistant Professor, [College of Medicine, University of Florida Health Science Center](#) 1996 - 2001
- ▶ Fellowship, Gastroenterology, [College of Medicine, University of Florida Health Science Center](#) 1993 - 1996
- ▶ Internship/Residency Internal Medicine, [University of Massachusetts](#) 1990 - 1993

David R. Nelson, M.D., is a professor of medicine and associate dean for clinical research in the University of Florida College of Medicine and director of the UF Clinical and Translational Science Institute. Funded in part by the National Institutes of Health, the UF CTSI helps improve how biomedical research is conducted and enables scientists to work together to speed the translation of laboratory discoveries into clinical treatments. Dr. Nelson received his undergraduate degree from D (... [more](#))

Research Areas ▲▲▲

[Gastroenterology](#) | [Hepatitis](#) | [Hepatology](#) | [sex/gender differences in health](#)

Publications in VIVO



627 in the last 10 full years (789 total) i

[Co-author Network](#)

[Man of Science](#)

[Co-investigator Network](#)

Contact Info 📧

✉ nelsondr@ufl.edu

☎ (352) 273-9500

Websites

- ▶ [UF Department of Medicine - Gastroenterology, Hepatology & Nutrition - Faculty Page](#)
- ▶ [Clinical and Translational Science Institute Home Page](#)

Overview
Affiliation
Publications
Research
Teaching
Service
Background
Contact
Identity
View All

Example: Clarivate Analytics VIVO demo site

VIVO with InCites (Web of Science expanded and InCites APIs for data enrichment)

The image shows a screenshot of the Garfield University VIVO demo site. The site is divided into several sections, each with a purple box highlighting specific content and arrows pointing to related information on the right side of the page.

Garfield University Research Portal

Home | People | Organizations | Research | Capability Map

Welcome to the Garfield University Research Portal

limit search → Search

Scientific Focus Areas

- Biomedical Engineering and Biophysics
- Cancer Biology
- Cell Biology
- Chemical Biology
- Chromosome Biology
- Clinical Research
- Computational Biology
- Developmental Biology
- Epidemiology
- Genetics and Genomics
- Health Disparities
- Immunology
- Microbiology and Infectious Diseases
- Molecular Biology and Biochemistry
- Molecular Pharmacology
- Neuroscience
- Social and Behavioral Sciences
- Stem Cell Biology
- Structural Biology
- Systems Biology
- Virology

Hot Papers

- PI-RADS Prostate Imaging - Reporting and Data System: 2015, Version 2, EUROPEAN UROLOGY Dec, 2015
- Alectinib in Crizotinib-Refractory ALK-Rearranged Non-Small-Cell Lung Cancer: A Phase II Global Study, JOURNAL OF CLINICAL ONCOLOGY Dec, 2015

International Collaborations

- M2-like macrophages are responsible for collagen degradation through a mannose receptor-mediated pathway, JOURNAL OF CELL BIOLOGY Dec, 2012
- Glutathionylation of Peroxiredoxin I Induces Decamer to Dimers Dissociation with Concomitant Loss of Chaperone Activity, BIOCHEMISTRY Dec, 2010

Biomedical Engineering and Biophysics | Scientific Focus Area

Affiliation

researchers

- Ackerman, Hans, M.D., Ph.D. Lasker Clinical Research Scholar
- Altan-Bonnet, Grégoire, Ph.D. Investigator
- Alushin, Gregory, Ph.D. Early Independent Scientist
- Amara, Susan G., Ph.D. Senior Investigator
- Anfinrud, Philip, Ph.D. Senior Investigator

Alectinib in Crizotinib-Refractory ALK-Rearranged Non-Small-Cell Lung Cancer: A Phase II Global Study | Academic Article

Full Text via DOI: 10.1200/JCO.2015.63.9443 PMID: 26598747 Web of Science: 000374333400010

Hot Paper ESI Most Cited Paper Industry Collaboration International Collaboration

M2-like macrophages are responsible for collagen degradation through a mannose receptor-mediated pathway

Full Text via DOI: 10.1083/jcb.201301081 PMID: 24019537 Web of Science: 000324564900012

International Collaboration

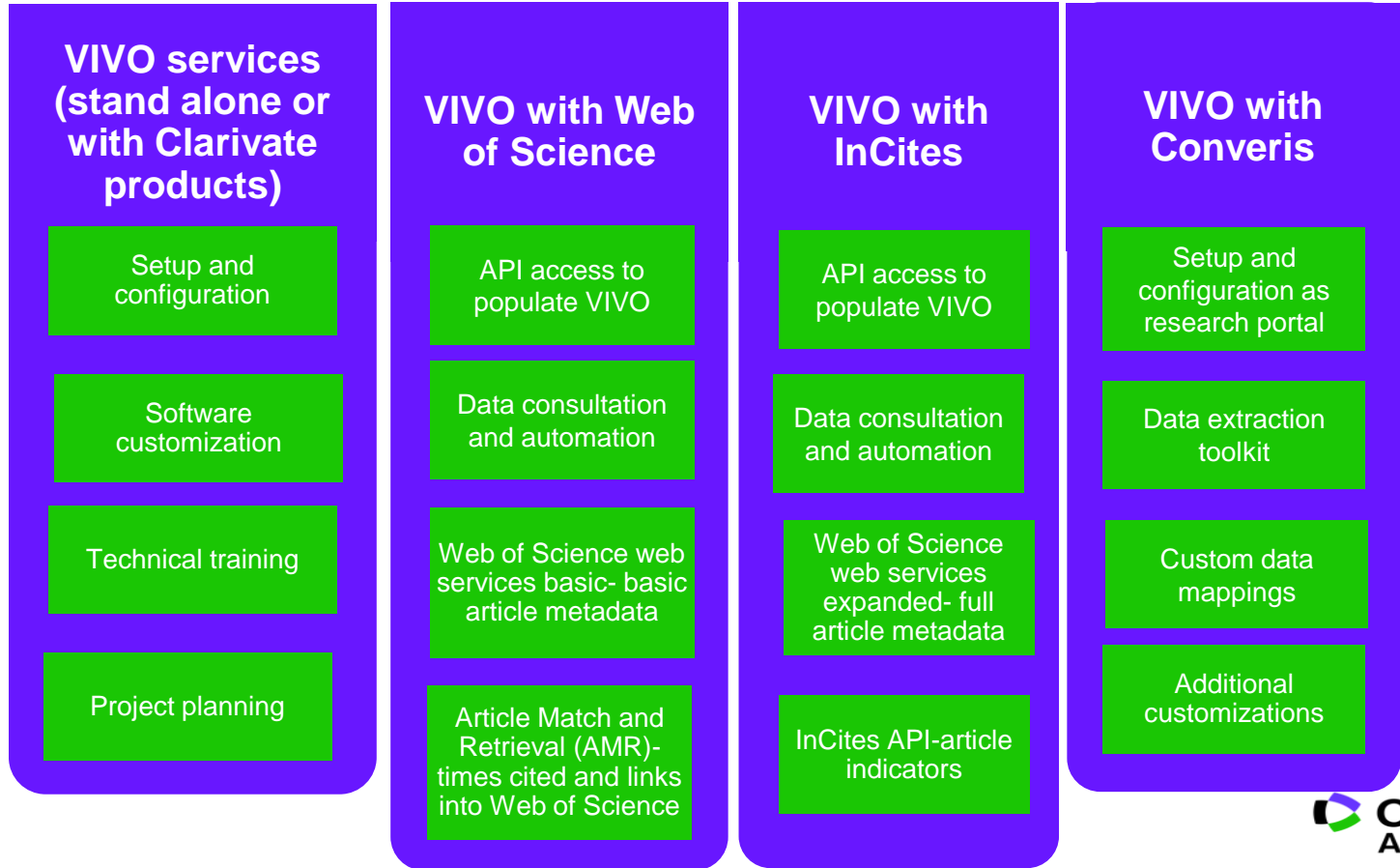
cited authors

Madsen, Daniel H., Leonard, Daniel, Masedunskas, Andrius, Moyer, Amanda, Juergensen, Henrik, Jessen, Peters, Diane E., Amornphimoltham, Panomwat, Selvaraj, Arul, Yamada, Susan S., Brenner, David A., Burgdorf, Sven, Engelholm, Lars H., Behrendt, Niels, Holmbeck, Kenn, Weigert, Roberto, Bugge, Thomas H.

authors

- Bugge, Thomas, Ph.D.
- Weigert, Roberto, Ph.D.

Clarivate VIVO Services Offerings



Web of Science APIs: Basic vs. Expanded data fields

Basic

- **UID (Unique Identifier)**
- **Title**
- **Issue**
- **Pages**
- **Publication Date**
- **DOI**
- **Source**
- **Volume**
- **Authors**
- **Author Keywords**
- **ISBN**
- **ISSN**

Expanded

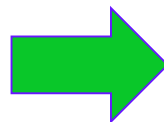
- Abstract
- **Article Number**
- Author Address/Affiliation
- **Author Order Number**
- **Book Author**
- Book Chapter Count
- **Book DOI**
- **Book Group Author**
- **Book Series**
- Cited References
- Conference Date
- Conference Location
- Conference Sponsor
- **Conference Title**
- **Document Type**
- Editor
- E-mail Addresses
- Funding
- **Group Author**
- IDS Number
- Keywords Plus
- **Language**
- Meeting Abstract Number
- **ORCID ID**
- Organization Enhanced
- Part Number
- Publisher
- Related Records
- Reprint Address
- Reprint Author
- **ResearcherID Number**
- Special Issue
- **Subject Category**
- Supplement

[Compare the difference on our Data Integration website](#)

Bold = available for public display

Web of Science APIs: Article Match Retrieval

| Metadata Field Input | Metadata Field Output |
|-------------------------|-------------------------|
| DOI | UID (Unique Identifier) |
| UID (Unique Identifier) | Title |
| PMID | Issue |
| Article Number | Pages |
| ISSN | DOI |
| ISBN | Volume |
| Author | Times Cited* |
| Year | ISSN |
| Book Title | ISBN |
| Book Series Title | PubMed ID |
| Article Title | Source URL |
| Journal Title | Citing Article URL |
| Volume | Related Records URL |
| Issue | Repository URL |
| Start Page | Journal Home URL |



* Times Cited counts can be displayed dynamically but not stored in a local system.

InCites API

| InCites API Fields |
|---|
| UID (Unique Identifier) |
| Times Cited* |
| Document Type |
| Journal Impact Factor |
| Journal Expected Citations |
| Journal Normalized Citation Impact |
| Category Expected Citations |
| Percentile |
| Category Normalized Citation Impact |
| ESI Most Cited (Yes/No) |
| ESI Hot Paper (Yes/No) |
| International Collaboration (Yes/No) |
| Institutional Collaboration (Yes/No) |
| Industry Collaboration (Yes/No) |
| Open Access (Yes/No) |

InCites Benchmarking & Analytics is included with the Web of Science Expanded API.

- InCites metrics provide context for citation counts at the article level.
 - Benchmark your performance against world averages.
 - Make accurate, “apples to apples” comparisons between research in different fields.
- The bolded fields at left can be shared publicly in your research portal.
- See the InCites [Indicators Handbook](#) for a description of each metric.

Summary of data fields for public use in VIVO and other websites

| Fields from Web of Science expanded API | Fields from InCites API |
|---|--|
| UID/UT (Unique record Identifier) | Open Access indicator (yes/no) |
| Document Title | International collaboration indicator (yes/no) |
| Issue | Industry collaboration indicator (yes/no) |
| Pages | ESI highly cited paper indicator (yes/no) |
| Publication Date | ESI hot paper indicator (yes/no) |
| DOI | <div data-bbox="1008 358 1599 689" style="border: 1px solid black; padding: 10px; margin-bottom: 10px;"> <p>For public portals, these fields can be reused for publications written by authors from your organization.</p> <p>Applicable to academic institutions and government customers only.</p> <p>Links back to the Web of Science are required.</p> </div> <div data-bbox="1008 718 1599 809" style="border: 1px solid black; padding: 10px;"> <p>* Times Cited can be shown but cannot be harvested, aggregated or manipulated.</p> </div> |
| Source | |
| Volume | |
| Authors | |
| Author Keywords | |
| Times Cited * | |
| Document Type | |
| Book Author | |
| Book Group Author | |
| Group Author | |
| Conference Title | |
| Book Series | |
| Article Number | |
| Language | |
| ResearcherID Number | |
| Subject Category and code | |
| ISSN | |
| ISBN | |
| Article Number | |
| Book DOI | |
| ORCID ID | |
| Author Order Number | |
| PubMed ID | |

Web of Science APIs

2018 Development Update

June 2018

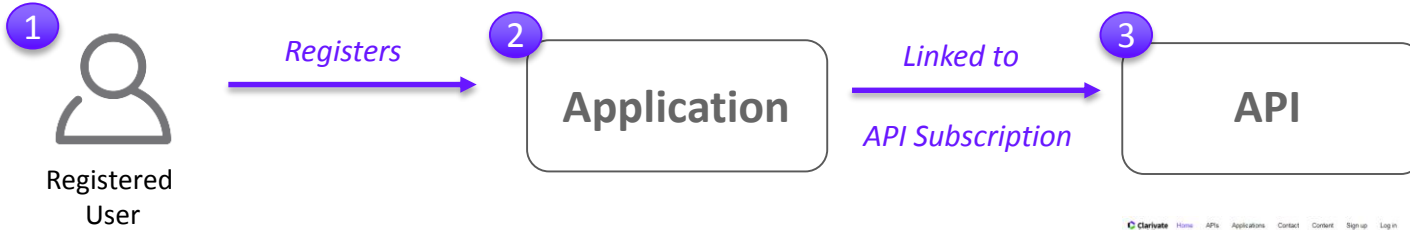
Web of Science APIs: Current State

| | WoS Lite | WoS Expanded | AMR |
|------------------|--|---|---|
| Description | This API supports rich searching across the fields of Web of Science and retrieving core article level metadata. | All capabilities and fields of the Lite API plus additional metadata, such as times cited, author addresses, and author affiliations. | Enables real-time lookup of bibliographic metadata including identifiers against WoS to build article links to Web of Science from external systems |
| Technical | SOAP + XML | | HTTPS POST + XML |
| Entitlement/Auth | u/p | | |
| Data Scope | WoS Platform (depending on subscription) | | Core Collection |
| Use Case | Discovery/Aggregation | | Real-time data supplement |
| Documentation | Link | Link | Link |

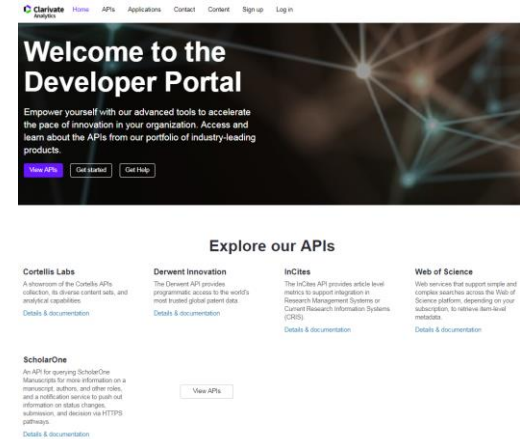
Web of Science APIs: 2018 (1 of 3)

| | WoS Lite | WoS Expanded | AMR |
|------------------|--|---|---|
| Description | This API supports rich searching across the fields of Web of Science and retrieving core article level metadata. | All capabilities and fields of the Lite API plus additional metadata, such as times cited, author addresses, author affiliations, and PMID + ORCID/RID | Enables real-time lookup of bibliographic metadata including identifiers against WoS to build article links to Web of Science from external systems |
| Technical | SOAP + XML REST + XML/JSON | | HTTPS POST + XML |
| Entitlement/Auth | u/p Token | | u/p |
| Data Scope | WoS Platform (depending on subscription) | | Core Collection |
| Use Case | Discovery/Aggregation | | Real-time data supplement |
| Documentation | https://developer.clarivate.com/ (Swagger) | | Link |

Web of Science APIs: 2018 (2 of 3)



- 1 User registers/signs in to developer.clarivate.com with an existing Clarivate email/password account
- 2 User registers the application that will utilize the API (example: “University Portal Citation Matcher App”)
- 3 User subscribes/links to API of interest (example: “Web of Science Lite”). Authentication token issued/available once reviewed and approved based on User’s institutional contractual entitlement.



Web of Science APIs: 2018 (3 of 3)

- Existing APIs (SOAP) will continue to be supported beyond 2018, no hard cut-over
- Stateless APIs; token based authentication replaces u/p + sessions
- Native JSON or XML responses
- NEW endpoint (get only UTs)
- Documentation (Swagger) and administration available to developers via unified, Clarivate-wide developer portal
- WoS Expanded now includes PMID and ORCID/RID mapped to author positions (email addresses not included in response)
- AMR development taking place late 2018

Web of Science APIs: Quicker to Query (1 of 2)

SOAP Example

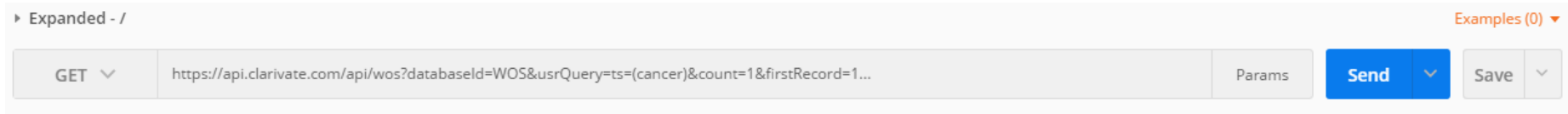
1. Configure and use a standard SOAP/WSDL based web services client program/library, or develop your own web service client for sending and receiving SOAP messages
2. Create session via WOKMWSAuthenticate using u/p as Base64-encoded string
3. Store session ID as header value Cookie: SID="{Base64-encoded string}"
4. Compile XML SOAP envelope, ts=(cancer)
5. Run request against WOKSearch
6. Parse XML-only response

```
<?xml version="1.0" encoding="UTF-8" ?>
<soapenv:Envelope xmlns:soapenv="http://schemas.xmlsoap.org/soap/envelope/" xmlns:wok="http://www.elsevier.com/soap/wok" ?>
  <soapenv:Header/>
  <soapenv:Body>
    <wok:search>
      <queryParameters>
        <databaseId>WOS</databaseId>
        <userQuery>ts=(cancer)</userQuery>
        <!--Zero or more repetitions:-->
        <queryLanguage>en</queryLanguage>
      </queryParameters>
      <retrieveParameters>
        <firstRecord>1</firstRecord>
        <count>1</count>
      </retrieveParameters>
    </wok:search>
  </soapenv:Body>
</soapenv:Envelope>
```

Web of Science APIs: Quicker to Query (2 of 2)

REST Example

1. Open Postman
2. Set header param as X-APIKey:{token}
3. Compile URL w/ search ([https://api.clarivate.com/api/wos?databaseId=WOS&usrQuery=ts=\(cancer\)&count=1&firstRecord=1](https://api.clarivate.com/api/wos?databaseId=WOS&usrQuery=ts=(cancer)&count=1&firstRecord=1))
4. Send GET request
5. Parse JSON/XML response (default JSON, XML as header param)



Reference links:

<https://clarivate.com/products/incites/>

<https://clarivate.com/products/data-integration/>

<https://clarivate.com/>

<http://clarivate.libguides.com/home>

Journal Analysis: More than just Impact Factor

A Journal Is as a Journal Does: Four Emergent Properties of Journals in Scholarly Communication

Marcin Kapczynski, Solutions Consultant EMEA | + 48 693 06 01 93 | marcin.kapczynski@clarivate.com

