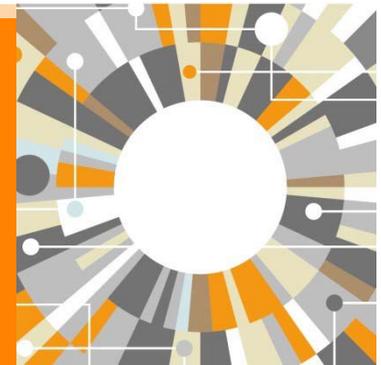


Elsevier Research Intelligence

# Pure Reference Guide



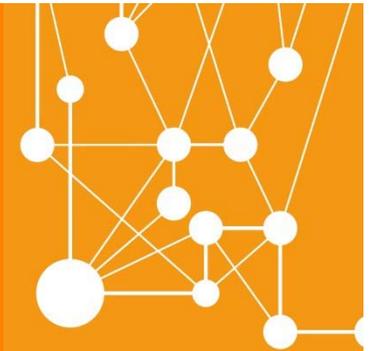
Elsevier

March, 2025

# Outline

- 1. What's Pure? ...P3**
  - 1. Features and Benefits**
  - 2. Module**
  
- 2. Portal ...P7**

# 1. What's Pure?



## 1.1. Features and Benefits

### Feature 1

#### Profile Refinement Service

**Profile Refinement Service** combines researchers and their **research** output with the manual curation.

### Feature 2

#### Automatically list your publication

**Pure** minimizes **manual entry**. New publications are automatically added to each profile from Scopus every week.

### Feature 3

#### Showcase

Portal provides a **visually appealing, easy-to-use online solution** for researcher profiling and networking

### Benefit 1

#### Analyze

You can easily monitor the summaries of **research activity and collaboration of each researcher, research unit and organization**.

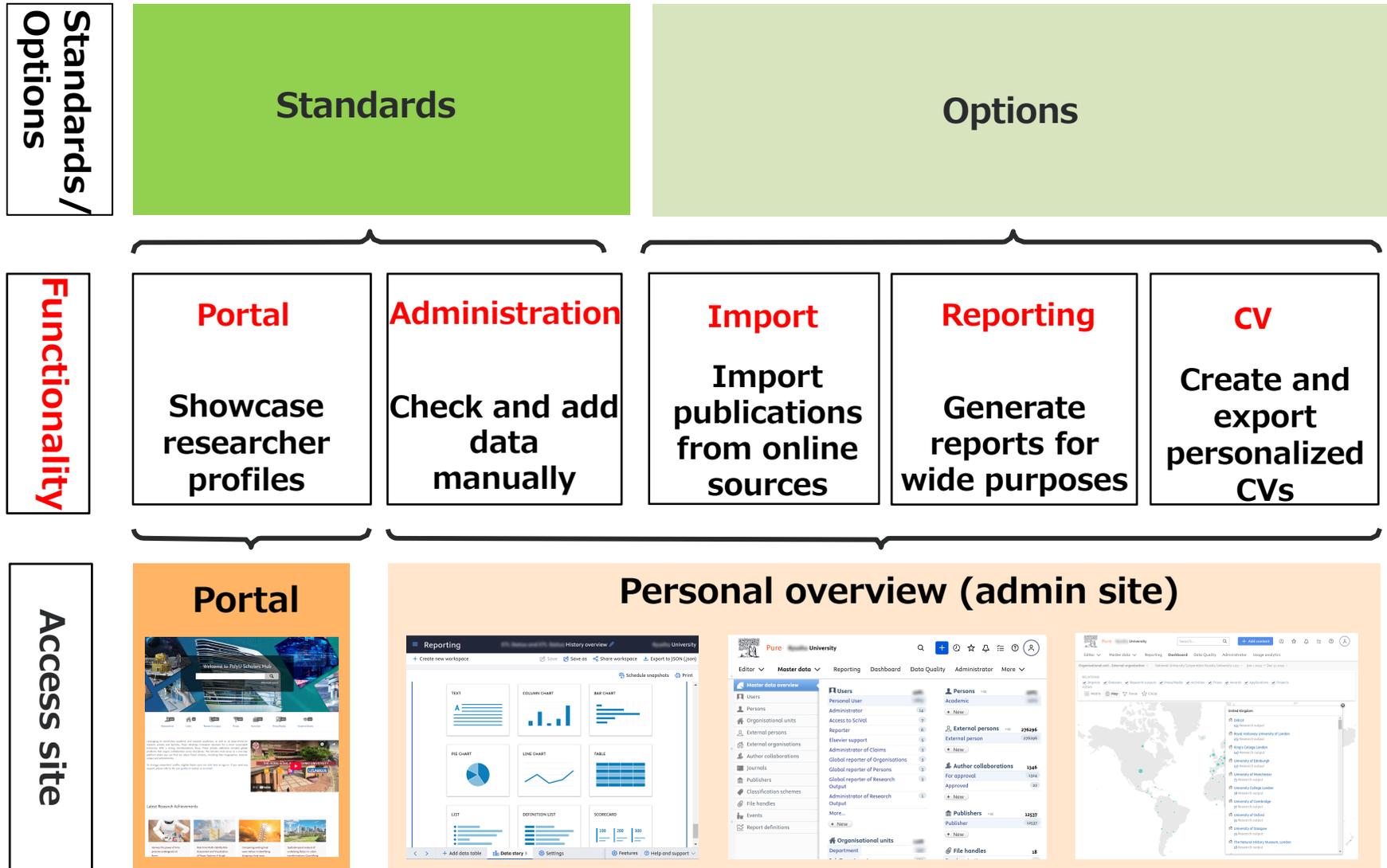
### Benefit 2

#### Enhance visibility

Portal **promotes accomplishments and facilitates collaboration** through extensive networking and expertise discovery capabilities.

# 1.2. Module

Depending on modules, Pure has 2 different sites; Pure portal and Personal page



# There are over 500 Pure implementations

<https://www.elsevier.com/products/pure/in-action>

## Europe

Austria	+	Italy	+
Belgium	+	Latvia	+
Cyprus	+	Luxembourg	+
Denmark	+	Netherlands	+
Faroe islands	+	Portugal	+
Finland	+	Spain	+
France	+	Sweden	+
Germany	+	Switzerland	+
Iceland	+	Turkey	+
Ireland	+	United Kingdom	+

## Middle East & Africa

Botswana	+
Israel	+
Oman	+
Qatar	+
Kuwait	+
Saudi Arabia	+
South Africa	+
United Arab Emirates	+

## North America

Canada	+
Mexico	+
United States	+

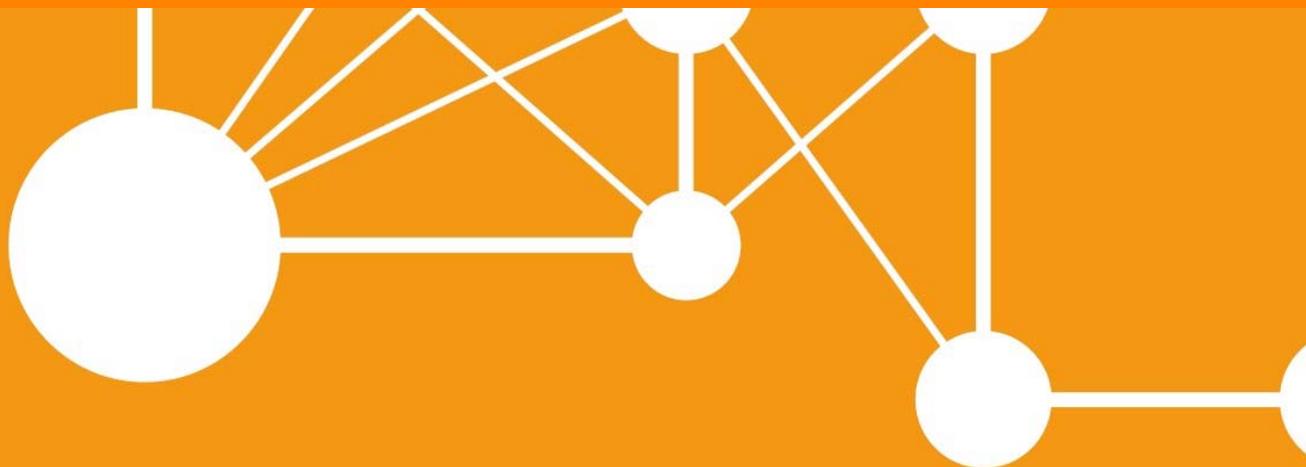
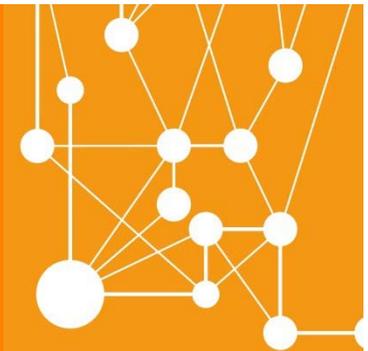
## South America

Bolivia	+
Brazil	+
Chile	+
Colombia	+
Ecuador	+
Peru	+
Uruguay	+

## Asia Pacific

Australia	+
China	+
Hong Kong, China	+
India	+
Indonesia	+
Japan	+
Kazakhstan	+
New Zealand	+
South Korea	+
Taiwan	+
Thailand	+
Pakistan	+
Singapore	+

## 2. Portal



## Question

**How should you appeal your research activity and find research information efficiently ?**

# Answer

**Pure** provides an unparalleled facility for you to organize, track and showcase your achievements.

## 1. Exhibit your publications automatically :

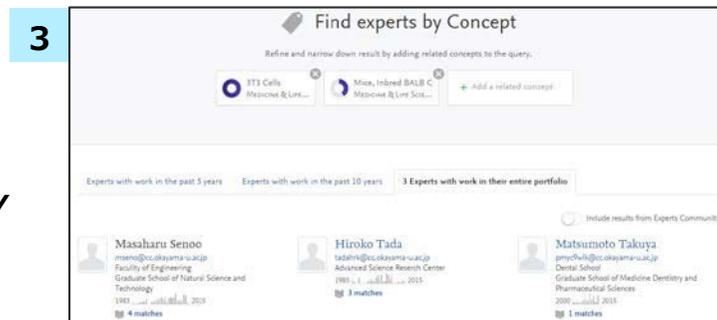
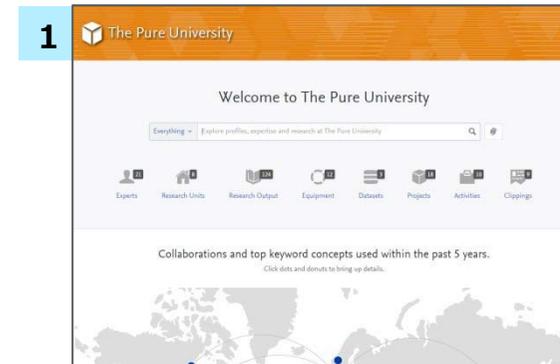
*Publications are automatically added from Scopus every week.*

## 2. Altmetric score :

*Pure indicates Altmetrics, not only citations.*

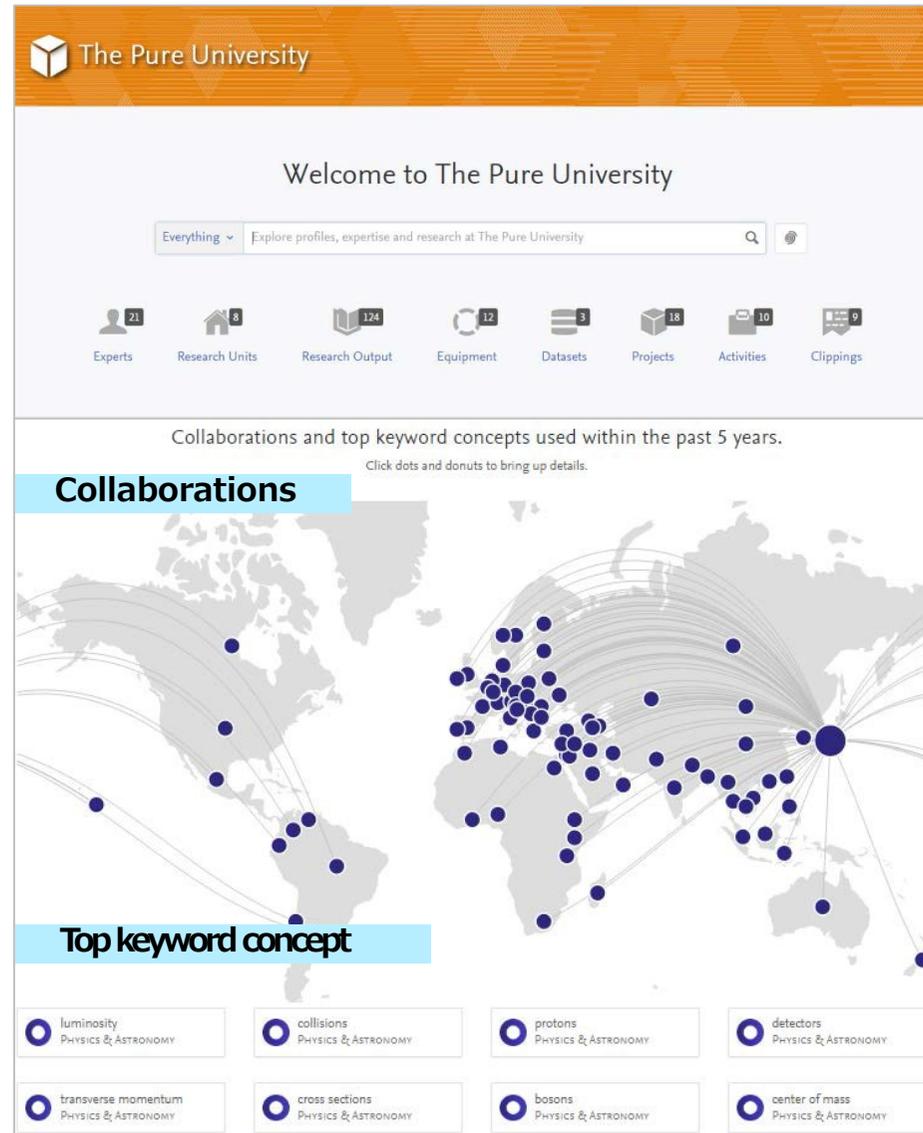
## 3. Find future collaborators :

*Pure stimulates collaboration and expertise identification both internally and externally.*



## 2.1. Exhibit research output automatically (1/5)

*Get a panoramic view of research activity and collaborations of organizations*



# 2.1. Exhibit research output automatically (2/5)

*Visualize faculty's research output and relationships between each faculty*

**College of Engineering**  
North Carolina State University

Overview | **Fingerprint** | Experts (381) | Projects (1233) | **Research Output (9213)** | Activities (2) | Network

**Fingerprint**  
The fingerprint is based on mining the text of the scientific documents related to the associated experts. Based on that an index of weighted terms is created, which defines the key subjects of research unit

- Temperature ENGINEERING & MATERIALS S...
- Computer simulation ENGINEERING & MATERIALS S...
- Mathematical models ENGINEERING & MATERIALS S...
- Substrates ENGINEERING & MATERIALS S...
- Thin films ENGINEERING & MATERIALS S...
- Transmission electron mic... ENGINEERING & MATERIALS S...
- Composite materials ENGINEERING & MATERIALS S...
- Epitaxial growth ENGINEERING & MATERIALS S...

**Fingerprint**  
The Elsevier Fingerprint Engine mines the text of the experts scientific documents - publication and other sources to create an index of weighted terms which defines the text, known as a Fingerprint. The Elsevier Fingerprint Engine enables users to look beyond metadata and expose units, publications, and ideas.

Sort by: Weight | Alphabetically

**Engineering & Materials Science**

**Electrical Engineering**

- Sensors
- Piezoelectricity
- Nanowires
- Computer simulation
- Video conferencing
- Atomic la...
- Nanostructured materials
- Electrodes
- Internet
- Controllers
- Robots
- Nanolithography
- Digital storage
- Control equipment
- Mobile robots
- Multimedia systems
- Transparency
- Li...
- Robotics
- Display devices

**Civil Engineering**

- Muscle
- Wind tunnels
- Skin
- Laboratories
- Tissue
- Biomimetics
- Magnetic resonance
- Surgical equipment
- Firing (of materials)
- Endoscopy
- Catheters
- Hemodynamics
- Tissue e...
- Biomechanics
- Structural design
- Tunnels
- Blood

**Chemical Engineering**

- Harvesters
- Aerosols

**Mining Engineering**

- Energy harvesting
- Flammability testing
- Protective clothing
- Coatings
- Phase equilibria
- St...
- Stretching
- Energy conservation

**General Engineering**

- Finite element method
- Experiments
- Nucleation
- Fires
- Geometry
- Students
- Surface
- Cost engineering
- Fireproofing
- Benchmarking
- Analytical models
- Mathematical models

**Research Output**

5482 Article | 3248 Conference contribution | 297 Chapter | 177 Patent | 19 Book | 1 Other contribution

1050

RESEARCH OUTPUT PER YEAR

1 - 50 out of 9,224 results | Publication Year, Title (descending) |

2016

A nested-compliance table policy for emergency medical service systems under relocation  
Sudrajat, K., Mayorga, M. E. & Melay, L. A. Jan 1 2016 In: Omega, 58, p. 154-168 15 p.  
Article

Emergency medical services | Relocation | Service system | Markov chain model | Location problem

Fracture Mechanics Model of Needle Cutting Tissue  
Barnett, A. C., Lee, Y. S. & Moore, J. Z. Feb 1 2016 In: Journal of Manufacturing Science and Engineering, Transactions of the ASME, 138, 1, 011005  
Article

Shear strain | Stress-strain curves | Needles | Tribology | Fracture mechanics

Neurotypic cell attachment and growth on III-nitride lateral polarity structures  
Bain, L. E., Kirtse, R., Johnson, C. A., Ghashghaei, H. T., Colazzo, R. & Ivanisevic, A. Jan 1 2016 In: Materials Science and Engineering C, 58, p. 1194-1198 5 p., 5796  
Article

Phase matching | Interface states | Cell adhesion | Biological systems | Gallium nitride

Structure and magnetic properties of a multi-principal element Ni-Pe-Cr-Co-Zn-Mn alloy  
Zeddah, A. J., Niu, C., Oni, A. A., Fan, M., LeBeau, J. M., Irving, D. L. & Koch, C. C. Jan 1 2016 In: Intermetallics, 68, p. 107-112 6 p.  
Article

Phase stability | Mechanical alloying | High resolution transmission electron microscopy | Magnetism | Nanocrystals

**Experts**

1 - 50 out of 381 results | Last Name (ascending) |

- Morteza Abbasi  
Electrical and Computer Engineering  
2007 | 2015
- Jacob James Adams  
Electrical and Computer Engineering  
2008 | 2015
- Hamid Akbari  
Minerals Research Laboratory
- Alex Albert  
Civil, Construction, and Environmental Engineering  
2011 | 2015
- Samuel T Alexander  
Electrical and Computer Engineering  
1977 | 1993
- Winsor E Alexander  
Electrical and Computer Engineering  
1980 | 2013

**Network**

Visualization | Map | Research Units

Research Units

- External research units
- Show counts on lines
- Years: 2015 to 2016
- Collaboration minimum: 10

College of Engineering network diagram showing connections between various departments and external research units.

# 2.1. Exhibit research output automatically (3/5)

*Dynamically visualize and showcase your research activity*

The screenshot displays the Elsevier Research Intelligence interface for Chris Robertson, M.Sc.CS, PhD. The interface is divided into several sections:

- Profile Overview:** Shows the researcher's name, title, department (Department of Statistics & Modelling Science), contact information (phone, email, website), and research metrics (125 Citations, 6 h-Index).
- Research Output:** A bar chart showing research output per year from 2009 to 2013. Below the chart, a list of 27 results is shown, including a 2013 article titled "Achieving high and equitable coverage of adolescent HPV vaccine in Scotland" with 1 citation.
- Fingerprint:** A section for analyzing scientific documents, with filters for "Medicine & Life Sciences" and "Earth & Environmental Sciences".
- 11 Similar Experts:** A list of experts similar to Chris Robertson, including Kimberly Kavanagh, George Gettinby, Elizabeth Ellis, Liza F White, Bob Kalin, Debbi MacMillar, Michael Cousin, and Helen Keenan.
- Network:** A network visualization showing connections between Chris Robertson and other researchers, with options for visualization, map, and experts.

Red boxes and arrows highlight key features: "Research Output" (top right), "Fingerprint" (middle left), "11 Similar Experts" (middle bottom), and "Network" (bottom right). The "Research Output" section includes a bar chart and a list of 27 results. The "11 Similar Experts" section lists experts with their contact information and shared counts. The "Network" section shows a complex network of connections between researchers.

## 2.1. Exhibit research output automatically (4/5)

*Search results can be limited by applying a filter.*

The screenshot displays the 'Find Research Outputs' interface. At the top, there is a search bar with a dropdown menu set to 'Research Output' and a search input field containing 'Enter search terms...'. To the right of the search bar are icons for 'Filter', search, and a globe. Below the search bar is a 'Filter' section with a light blue header and a red border. It contains a breadcrumb trail: '> Type > Language > Publication Year > Top Authors > Concepts > Research Units > Collaborators'. The 'Publication Year' filter is active, showing '2015' with a '20' badge. Below the filter, the search results are displayed. The first result is '[Recognition mechanism of hepatitis C viral infection]' by Dansako, H. & Kato, N. (2015). The second result is '50-plus years of fungal viruses' by Ghabrial, S. A., Castón, J. R., Jiang, D., Nibert, M. L. & Suzuki, N. (2015). The third result is 'A 64ch readout module for PPD/MPPC/SiPM using EASIROC ASIC' by Nakamura, I., Ishijima, N., Hanagaki, K., Yoshimura, K., Nakai, Y. & Ueno, K. (2015). On the right side of the page, there are two callouts: 'Citations' with a value of 4 and 'Altmetrics score' with a value of 3.

Find Research Outputs

Research Output ▾ Enter search terms... Filter 🔍 🌐

**Filter** > Type > Language > Publication Year > Top Authors > Concepts > Research Units > Collaborators

1 - 50 out of 1,178 results | Publication Year, Title (descending) ▾ | 📄

Filter 2015<sup>20</sup>

2015

[Recognition mechanism of hepatitis C viral infection]  
Dansako, H. & Kato, N. 2015 Feb 1 In : Nihon rinsho. Japanese journal of clinical medicine. 73, 2, p. 229-233 5 p.  
Article

RNA, Double-Stranded  Genome, Viral  Hepatitis C  Hepacivirus  Virus Replication

50-plus years of fungal viruses  
Ghabrial, S. A., Castón, J. R., Jiang, D., Nibert, M. L. & Suzuki, N. 2015 May 1 In : Virology. 479-480, p. 356-368 13 p.  
Article

Totiviridae  Host Specificity  Host-Parasite Interactions  Biodiversity  Virulence

Citations 4  
Citations

Altmetrics score 3

A 64ch readout module for PPD/MPPC/SiPM using EASIROC ASIC  
Nakamura, I., Ishijima, N., Hanagaki, K., Yoshimura, K., Nakai, Y. & Ueno, K. 2015 Jul 1 In : Nuclear Instruments and Methods in Physics Research, Section A: Accelerators, Spectrometers, Detectors and Associated Equipment. 787, p. 376-379 4 p., 57495

## 2.1. Exhibit research output automatically (5/5)

Get an in-depth look at a publication with 1 click

**Breastfeeding and obesity among schoolchildren: A nationwide longitudinal survey in Japan**

Yamakawa, M., Yorifuji, T., Inoue, S., Kato, T. & Doi, H. 2013 Oct In : JAMA Pediatrics. 167, 10, p. 919-925 7 p.  
Article

Breast Feeding  Body Composition  Health Surveys  Life Style  Longitudinal Studies

14  
Citations



文献の詳細情報

**Bring your own calendar: A CalDAV-based virtual calendar system**

Nomura, Y., Murata, Y., Taniguchi, H., Urata, M. & Muto, S. 2013 Proceedings - 2013 8th International Conference and Applications, BWCCA 2013. p. 551-556 6 p. 6690945  
Conference contribution

Communication  Smartphones  Engines  Internet

14  
Citations



**Breastfeeding and obesity among schoolchildren: A nationwide longitudinal survey in Japan**

Michiyo Yamakawa ; Takashi Yorifuji ; Sachiko Inoue ; Tsuguhiko Kato ; Hiroyuki Doi

Faculty of Environmental Science and Technology, Graduate School of Environmental and Life Science, Medical School, Graduate School of Medicine Dentistry and Pharmaceutical Sciences

Access to Document

[10.1001/jamapediatrics.2013.2230](https://doi.org/10.1001/jamapediatrics.2013.2230)

[Link to publication in Scopus](#)

**Bromination of hydrocarbons with CBr<sub>4</sub>, initiated by light-emitting diode irradiation**

Nishina, Y., Ohtani, B. & Kikushima, K. 2013 Aug 14 In : Beilstein Journal of Organic Chemistry. 9, p. 1663-1668 6 p.  
Article

Hydrocarbons  Bromine  Hydrogen

**Bronchial stump aspergillosis**

Maki, D., Mitogawa, Y., Yuzurio, A., Yoshida, A. & Kanazawa, S. 2013 Nov In : Journal of Thoracic Imaging. 28, p. 166-168 3 p.  
Article

Aspergillosis  Aspergillus

**Broncho-bronchiolitis obliterans after living-donor lung transplantation: A unique entity**

Sakurai, H., Morishima, Y., Itoguchi, N., Ohtsuka, S., Yamadori, I., Oto, T., Ishii, Y., Sakamoto, T., Noguchi, M. & Hatakeyama, K. 2013 Oct In : Transplantation. 96, 4, p. 1000-1005 6 p.  
Article

Aspergillosis  Aspergillus

**Abstract**

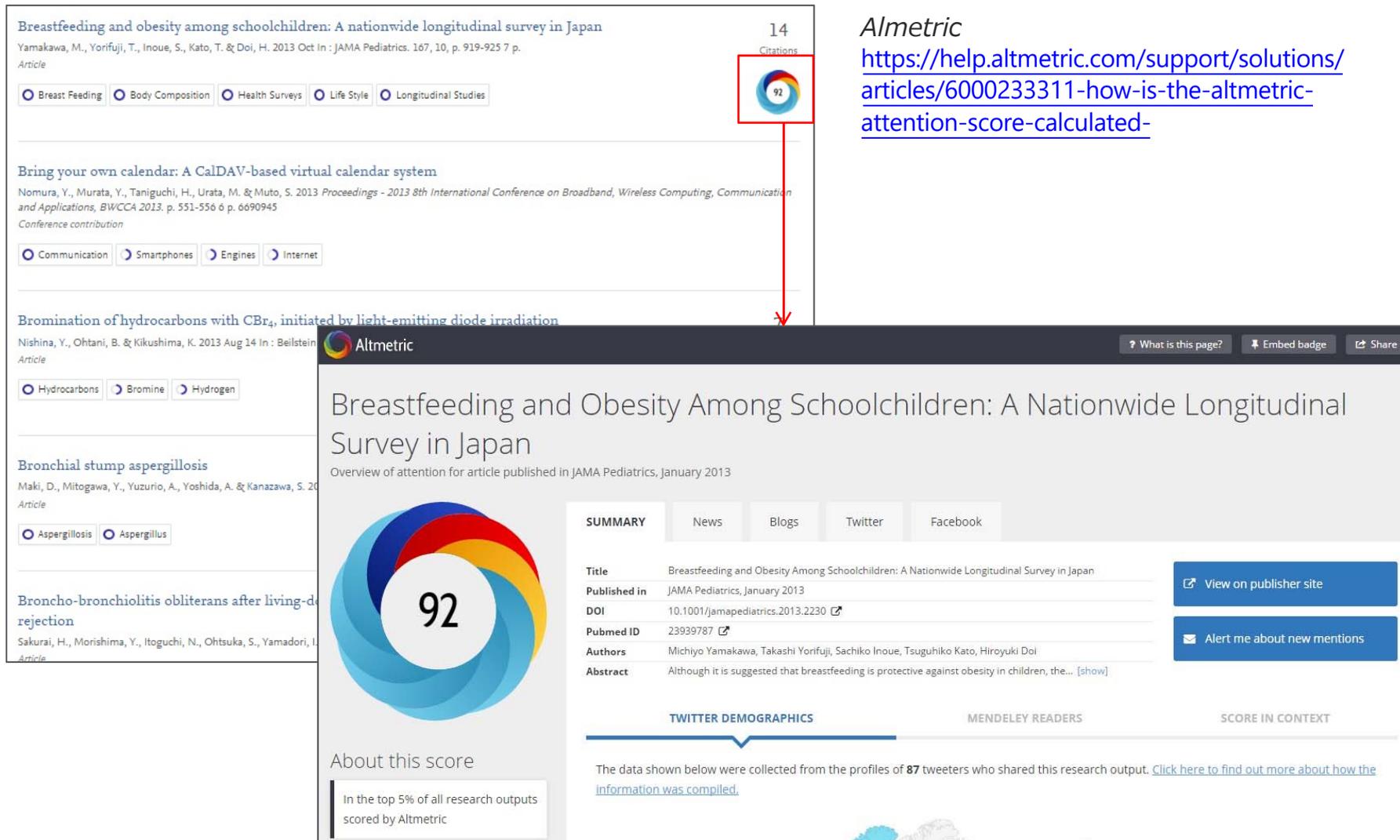
Importance: Although it is suggested that breastfeeding is protective against obesity in children, the evidence remains inconclusive because of possible residual confounding by socioeconomic status or children's lifestyle factors. Most of the participants in the previous studies were children in Western developed countries, so studies in a different context are awaited. OBJECTIVE: To examine the associations of breastfeeding with overweight and obesity among schoolchildren in Japan, with adjustment for the potential confounders. DESIGN: Secondary data analyses of a nationwide longitudinal survey ongoing since 2001, with results collected from 2001 to 2009. SETTING: All over Japan. PARTICIPANTS: A total of 43 367 singleton children who were born after 37 gestational weeks and had information on their feeding during infancy. EXPOSURES Five mutually exclusive infant feeding practice categories. MAIN OUTCOMES AND MEASURES: Underweight, normal weight (referent group), overweight, and obesity at 7 and 8 years of age defined by using international cutoff points of body mass index by sex and age. RESULTS: In multinomial logistic regression models with adjustment for children's factors (sex, television viewing time, and computer game playing time) and maternal factors (educational attainment, smoking status, and working status), exclusive breastfeeding at 6 to 7 months of age was associated with decreased risk of overweight and obesity compared with formula feeding. The adjusted odds ratios were 0.85 (95%CI, 0.69-1.05) and 0.55 (95%CI, 0.39-0.78) for overweight and obesity, respectively, at 7 years of age. Similar results were observed at 8 years of age. CONCLUSIONS AND RELEVANCE: Breastfeeding is associated with decreased risk of overweight and obesity among schoolchildren in Japan. Therefore, it would be better to encourage breastfeeding even in developed countries.

ORIGINAL LANGUAGE	English
PAGES (FROM-TO)	919-925
NUMBER OF PAGES	7
JOURNAL	JAMA Pediatrics
VOLUME	167
ISSUE NUMBER	10
STATE	Published - 2013 Oct

**Fingerprint**

## 2.2. Altmetric score

*Contains altmetric score; the measurement of scholarly activity on social networks and tools*



The image shows a screenshot of an Elsevier article page. The article title is "Breastfeeding and obesity among schoolchildren: A nationwide longitudinal survey in Japan" by Yamakawa, M., Yorifuji, T., Inoue, S., Kato, T. & Doi, H. (2013). The Altmetric score for this article is 92, which is highlighted with a red box and a red arrow pointing to a larger, detailed view of the score. The detailed view shows the score 92 in a circular graphic, along with the article title and a summary of the research. The summary states: "Although it is suggested that breastfeeding is protective against obesity in children, the... [show]". The detailed view also includes a table of metadata and a section for Twitter demographics.

**Breastfeeding and obesity among schoolchildren: A nationwide longitudinal survey in Japan**  
Yamakawa, M., Yorifuji, T., Inoue, S., Kato, T. & Doi, H. 2013 Oct In : JAMA Pediatrics. 167, 10, p. 919-925 7 p.  
Article

14 Citations

92

**Breastfeeding and Obesity Among Schoolchildren: A Nationwide Longitudinal Survey in Japan**  
Overview of attention for article published in JAMA Pediatrics, January 2013

**92**

**Summary**

<b>Title</b>	Breastfeeding and Obesity Among Schoolchildren: A Nationwide Longitudinal Survey in Japan
<b>Published in</b>	JAMA Pediatrics, January 2013
<b>DOI</b>	10.1001/jamapediatrics.2013.2230
<b>Pubmed ID</b>	23939787
<b>Authors</b>	Michiyo Yamakawa, Takashi Yorifuji, Sachiko Inoue, Tsuguhiko Kato, Hiroyuki Doi
<b>Abstract</b>	Although it is suggested that breastfeeding is protective against obesity in children, the... [show]

**Twitter Demographics**

The data shown below were collected from the profiles of 87 tweeters who shared this research output. [Click here to find out more about how the information was compiled.](#)

**About this score**

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

**Almetric**  
<https://help.altmetric.com/support/solutions/articles/6000233311-how-is-the-altmetric-attention-score-calculated->

## 2.3. Find collaborators

*Stimulate collaboration and expertise identification both internally and externally through Portal*

**On-campus** Find experts by Concept

Refine and narrow down result by adding related concepts to the query.

3T3 Cells  
MEDICINE & LIFE SCIENCE

Mice, Inbred BALB C  
MEDICINE & LIFE SCIENCE

+ Add a related concept

Experts with work in the past 5 years   Experts with work in the past 10 years   **3 Experts with work in their entire portfolio**

Include results from Experts Community

**Masaharu Senoo**  
mseno@cc.okayama-u.ac.jp  
Faculty of Engineering  
Graduate School of Natural Science and Technology  
1983 4 matches

**Hiroko Tada**  
tadahrk@cc.okayama-u.ac.jp  
Advanced Science Reserch Center  
1985 3 matches

**Matsumoto Takuya**  
pmjcp@cc.okayama-u.ac.jp  
Dental School  
Graduate School of Medicine Dentistry and Pharmaceutical Sciences  
2000 1 matches

**Off-campus** Find experts by Concept

Refine and narrow down result by adding related concepts to the query.

Mice, Inbred BALB C  
MEDICINE & LIFE SCIENCE

3T3 Cells  
MEDICINE & LIFE SCIENCE

+ Add a related concept

Include results from Experts Community

**Henri Lijnen**  
KU Leuven Biomedical Sciences Group  
 6 matches

**Adriana Albini**  
Italian Biomedical Experts  
 4 matches

**Zhimin Lu**  
zhiminlu@mdanderson.org  
MD Anderson Cancer Center  
 3 matches

**Lester F Lau**  
University of Illinois-Chicago  
 5 matches

**Patrick J Donohue**  
Arthritis Foundation  
 3 matches

**Ronald (Ron) Rosenfeld**  
Oregon Health & Sciences University  
 3 matches

**Man-Sun Sy**  
Case Western Reserve University  
 4 matches

**Marion (Nikki) L Harter**  
Case Western Reserve University  
 3 matches

**Michael H Nantz**  
UC Davis Health System  
 3 matches

You can find future Collaborators.

**GRU** GEORGIA REGENTS UNIVERSITY  
AUGUSTA

Search

Home **Experts** Research outputs Research units Activities Data Sets Projects Journals

**Krishnan Michael Dhandapani**

Neurosurgery  
Institute of Neuroscience  
[krishnan.dhandapani@gru.edu](mailto:krishnan.dhandapani@gru.edu)

Fingerprint

**Summary**

Research outputs (2000 - present)	57
Co-author Network	82
Institutional Network	71

## *h-index*

The h-index is an index that attempts to measure both the productivity and impact of the published work of a scientist or scholar.

How it's calculated: Number of papers (h) that have received at least h citations.



$h$ -index = 6; She has 6 papers that have received at least 6 citations.

The h index is a metric to assess the entire body of scholarly output by an author.

The h index is not considered a universal metric as it is difficult to compare authors of different seniority or disciplines.

Order of papers	citations
1	19
2	17
3	13
4	11
5	7
6	6
7	3
8	1
9	0
10	0



## Research Intelligence

