



## トムソンサイエンティフィック 学術コミュニティへの貢献

2007年11月30日  
名古屋大学

トムソンサイエンティフィック  
シニア・マネージャー アカデミックセールス  
渡辺 麻子

THOMSON  
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### 本日のアウトライン

- トムソンサイエンティフィックが目指すもの
- ISI Web of Knowledgeとは
- 新しい学術情報流通形態への試み
  - Web Citation Index
  - Current Web Contents

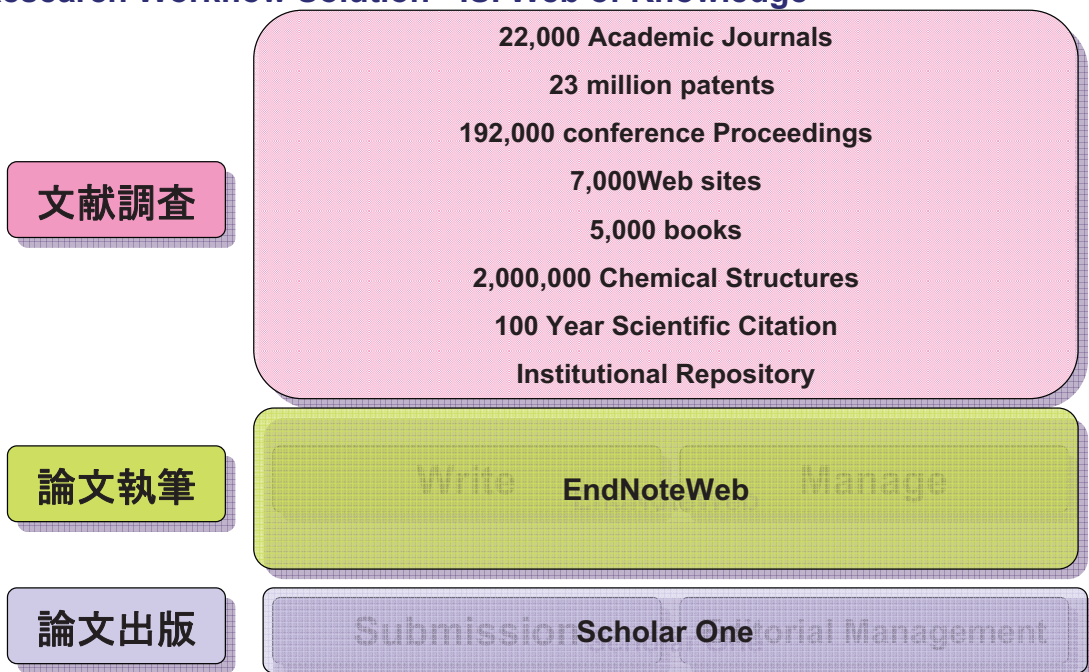
THOMSON  
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## トムソンサイエンティフィックが目指すもの

- トムソンサイエンティフィックとは、
  - ISIとDerwentをベースとするデータベース提供会社
  - ミッション: 情報爆発のなか、研究者を最速で効率よく必要な情報に導く
  - Better Decision Faster
- Web of Science (Citation Index)
  - 引用-被引用の関係に着目して各分野のコアジャーナルを集めれば、分野の概念を超えて効率的な文献検索を実現できる
  - 毎日専門エディトリアル部門がコア・ジャーナルをチェック。40年間一貫した雑誌収録基準を適用。
  - Publisher Neutral
  - 科学世界の中心で実際に起こっていることを、そのまま映し出す鏡
- ISI Web of Knowledge
  - Web of Scienceを中核とする、研究のワークフロー・ソリューション
  - 引用情報でナビゲーション/ Indexing Backbone
  - 各研究分野データベース固有のIndexの特性を最大限に生かした設計

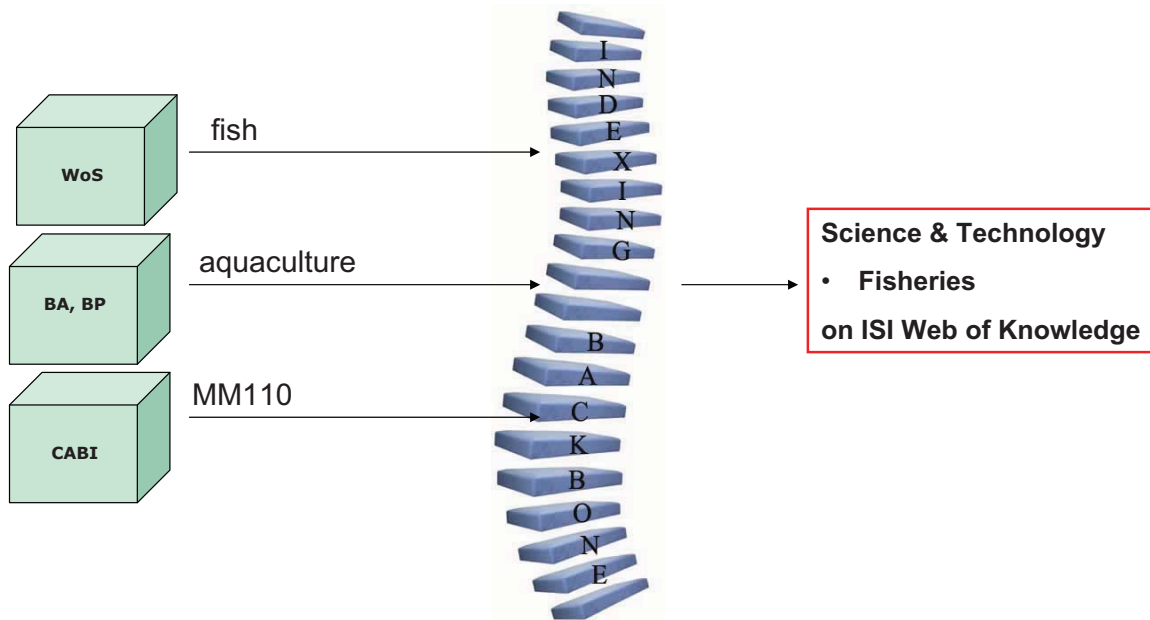


## Research Workflow Solution - ISI Web of Knowledge



## Indexing Backbone – ISI Web of Knowledgeの統一分類

複数のデータベースを統一分類で絞り込み



## ISI Web of Knowledge - Indexing Backborn

複数のデータベースを統一分類で絞り込み

Search within results for

**General Categories**

- SCIENCE & TECHNOLOGY (205)
- SOCIAL SCIENCES (34)
- ARTS & HUMANITIES (5)

**Subject Areas**

- PLANT SCIENCES (76)
- ENVIRONMENTAL SCIENCES & ECOLOGY (56)
- PATHOLOGY (50)
- FOOD SCIENCE & TECHNOLOGY (43)
- AGRICULTURE (35)
- more...

**Document Types**

**Authors**

**Source Titles**

**Publication Years**

**Languages**

For more advanced refine options, use

- 1. Title: *Librodor japonicus* (Coleoptera : Nitidulidae): life history, effect of temperature on development, and seasonal abundance  
 Author(s): Okada, K; Miyatake, T  
 Source: **APPLIED ENTOMOLOGY AND ZOOLOGY** Volume: 42 Pages: 411-417 Published: 2007  
 Times Cited: 0  
  **Web of Science**
- 2. Title: Problems of positive list system revealed by survey of pesticide residue in food  
 Author(s): Iwasaki, Mariko; Sato, Itaru; Jin, Yihe, et al.  
 Source: **Journal of Toxicological Sciences** Volume: 32 Issue: 2 Pages: 179-184 Published: MAY 2007  
 Article Number: ISSN 0388-1350  
 **BIOSIS**
- 3. Title: The importance of spawning season on the growth of Pacific saury: A model-based study using NEMURO FISH  
 Author(s): Mukai, D; Kishi, MJ; Ito, S, et al.  
 Source: **ECOLOGICAL MODELLING** Volume: 202 Issue: 1-2 Special Issue: SI Pages: 165-173 Published: MAR 24 2007  
 Times Cited: 4  
  **Web of Science**
- 4. Title: Specific detection of potentially allergenic kiwifruit in foods using  
 Author(s): Taguchi, H; Watanabe, S; Hirao, T, et al.  
 Source: **JOURNAL OF AGRICULTURAL AND FOOD CHEMISTRY** Volume: 55 Issue: 5 Pages: 1649-1655 Published: MAR 7 2007  
 Times Cited: 0  
  **Web of Science**
- 5. Title: High-class Japanese paper used as wallpaper, has design layer containing natural grass fiber and/or chemical fiber with preset length, and preset amount of pearl pigment  
 Patent Number(s): JP2005344230-A  
 Assignee: LONSEAL CORP  
 HIMOTO S **Derwent Innovations Index**

ISI Web of Knowledgeの統一分類

## ISI Web of Knowledge

– 分野特有の統制語を生かした検索が可能

### 各種オンラインシソーラス完備

- BIOSIS
  - Taxonomic Data, Major Concepts, Concept Codes etc.
- Derwent Innovations Index
  - Derwent Class Code, Manual Code etc..
- CAB Abstracts
  - CABI CODES
- INSPEC
  - Controlled Index, Classification, Numerical Data, Chemical Data, Astronomical Object
- Medline
  - MeSH heading

**Web of Scienceへの引用ナビゲーションは、全データベースから可能**

**Acceleration of global warming due to carbon-cycle feedbacks in a coupled climate model**

Peter M. Cox<sup>1</sup>, Richard A. Betts<sup>1</sup>, Chris D. Jones<sup>1</sup>, Steven A. Spall<sup>2</sup> and Tao S. Toledano<sup>1</sup>

<sup>1</sup> Hadley Centre, Met Office, Exeter, Devon, EX1 1PB, UK  
<sup>2</sup> Southampton Oceanography Centre, European Way, Southampton SO8 5EJ, UK

Correspondence to: Peter M. Cox (e-mail: peter.m.cox@met.rdg.ac.uk)

The continued increase in the atmospheric concentration of carbon dioxide due to anthropogenic emissions is projected to lead to significant changes in climate<sup>1</sup>. About half of the current emissions are being absorbed by the ocean and by land ecosystems<sup>2</sup>, but this absorption is sensitive to climate<sup>3</sup>. As well as its atmospheric carbon dioxide concentrations, creating a feedback loop, general circulation models have generally evaluated the feedback between climate and the biosphere, using static vegetation distributions and CO<sub>2</sub> concentrations from simple carbon cycle models that do not include climate change<sup>4</sup>. Here we present results from a fully coupled, three-dimensional carbon-climate model, indicating that carbon cycle feedbacks could significantly accelerate climate change over the twenty-first century. We find that under a business as usual scenario, the terrestrial biosphere acts as an overall carbon sink until about 2050, but turns into a source thereafter. By 2100, the ocean uptake rate of 5.0 Gt C yr<sup>-1</sup> is balanced by the terrestrial carbon source, and atmospheric CO<sub>2</sub> concentrations are 250 ppm.v.v. higher in our fully coupled simulation than in uncoupled carbon models<sup>5</sup>, resulting in a global ocean warming of 0.5°C, as compared to 0°C without the carbon cycle feedbacks.

**0 Resubmitted Manuscripts in Draft**

**0 Revised Manuscripts in Draft**

**1 Submitted Manuscripts**

**0 Manuscripts with Decisions**

**0 Manuscripts I Have Co-Authored**

**0 Withdrawn Manuscripts**

**0 Manuscripts Accepted for First Look**

**0 Invited Manuscripts**

**Author Resources**

[Click here](#) to submit a new manuscript

[Click here](#) to submit an **EndNote** manuscript

This section lists the subjects of the five most recent e-mails that have been sent to you regarding your submission(s). To view an e-mail, click on the link. To delete an e-mail from this list, click the delete link.

Thomson Demo

Main Menu

Site under configuration.

Welcome Welcome to the **Thomson Demo** site. The center links below indicate which "roles" you can currently perform for the journal. Click on a link to begin working in the role (e.g., Author, Reviewer, etc.) in Manuscript Central. You can return to this screen to change centers at any time by clicking on the "Main Menu" link above.

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- Graphic Artist Center
- Editorial Office Center
- Client Configuration Center
- Reviewer Center**
- Copy Editor Center
- Associate Editor Center
- EIC Center

Review Manuscript

- Click the "HTML" button to printer-friendly version of
- Be sure to read the review
- Navigate to the "Source Sheet"
- Global Warming: Short
- Test Author, Adam (co
- Invite Reviewers  
If active selections; 0 inv returned

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Reviewers and Editors may now immediately view more descriptive information for an authors cited sources – Document Type, Abstract, Number of Times the Paper has been Cited, Author Affiliations, etc.

Resources

- Instructions & Forms
- User Tutorials
- System Requirements
- Home Page

References

Adalgeirsdottir, G., G. H. Gudmundsson, et al. (2005). "Volume sensitivity of Vatnajokull Ice Cap, Iceland, to perturbations in equilibrium line altitude." *Journal of Geophysical Research-Earth Surface* 110(F4). [Web of Science](#)

Brubaker, L. B., P. M. Anderson, et al. (2005). "Beringia as a glacial refugium for boreal trees and shrubs: new perspectives from mapped pollen data." *Journal of Biogeography* 32(5): 833-848. [Web of Science](#)

Ivanochko, T. S., R. S. Ganeshram, et al. (2005). "Variations in

ISI Web of Knowledge™

Web of Science

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Full Record

Record 1 of 1

Title: **Beringia as a glacial refugium for boreal trees and shrubs: new perspectives mapped pollen data**

Author(s): [Brubaker LB](#), [Anderson PM](#), [Edwards ME](#), [Lozhkin AV](#)

Source: JOURNAL OF BIOGEOGRAPHY 32 (5): 833-848 MAY 2005

Document Type: Review

Language: English

Cited References: 104 Times Cited: 9

Abstract: Aim Beringia, far north-eastern Siberia and north-western North America, was largely unglaciated during the Pleistocene. Although this region has long been considered an ice-age refugium for boreal trees and shrubs, recent pollen records indicate that the region was not completely devoid of boreal vegetation during the last glacial period.

Cited References

Beringia as a glacial refugium for boreal trees and shrubs: new perspectives mapped pollen data

BRUBAKER LB, ANDERSON PM, EDWARDS ME, LOZHKIN AV

The following documents are cited in this article:

References 1 -- 30

Clear the checkboxes to deselect articles that cited this article.

9 results found

Records 1 -- 9 | Show 10 per page

Use the checkboxes to select records for output. See the sidebar for options.

1. Botkin DB, Saxena A, et al. **Forecasting the effects of climate change on the distribution of boreal tree species in the Beringia region.** *BIOSCIENCE* 57(12): 1203-1210 DEC 2006  
Times Cited: 0

2. Lozhkin AV, Anderson PM, et al. **The pollen record of Beringia during the last glacial period.** *Journal of Biogeography* 32(5): 833-848 MAY 2005

Reviewers and Editors may now immediately view more descriptive information for authors' cited sources – Document Type, Abstract, Number of Times the Paper has been Cited, Author Affiliations, etc.

For Web of Science "subscribers", the record is dynamic, linking to sources cited by the referenced authors, the papers that have cited this work, other related papers based on common cited sources, and more.

Citing Articles--Summary

Beringia as a glacial refugium for boreal trees and shrubs: new perspectives mapped pollen data

Related Records -- Summary

The records below are related to this parent record: BRUBAKER LB, Anderson PM, Edwards ME, Lozhkin AV. Beringia as a glacial refugium for boreal trees and shrubs: new perspectives mapped pollen data. *JOURNAL OF BIOGEOGRAPHY* 32 (5): 833-848 MAY 2005

Cited References: 104 References Selected: 104

Refine your results

Subject Categories | Source Titles | Document Types | Authors | Publication Years more choices

7,321 results found

Records 1 -- 10 | Show 10 per page

Go to Page: 1 of 733

	Cited Refs	Shared Refs
1. McLachlan JS, Clark JS, Manos PS. <b>Molecular indicators of tree migration capacity under rapid climate change.</b> <i>ECOLOGY</i> 86 (8): 2088-2098 AUG 2005 Times Cited: 17	70	11
2. Edwards ME, Anderson PM, Brubaker LB, et al. <b>Pollen-based biomes for Beringia 18,000, 6000 and 0 C-14 yr BP.</b> <i>JOURNAL OF BIOGEOGRAPHY</i> 27 (3): 521-531 MAR 2000	141	12

Analyze Results:

View rankings of the authors, journals, etc. for these records.

Output Records:

Selected records on page

All records on page

Records to

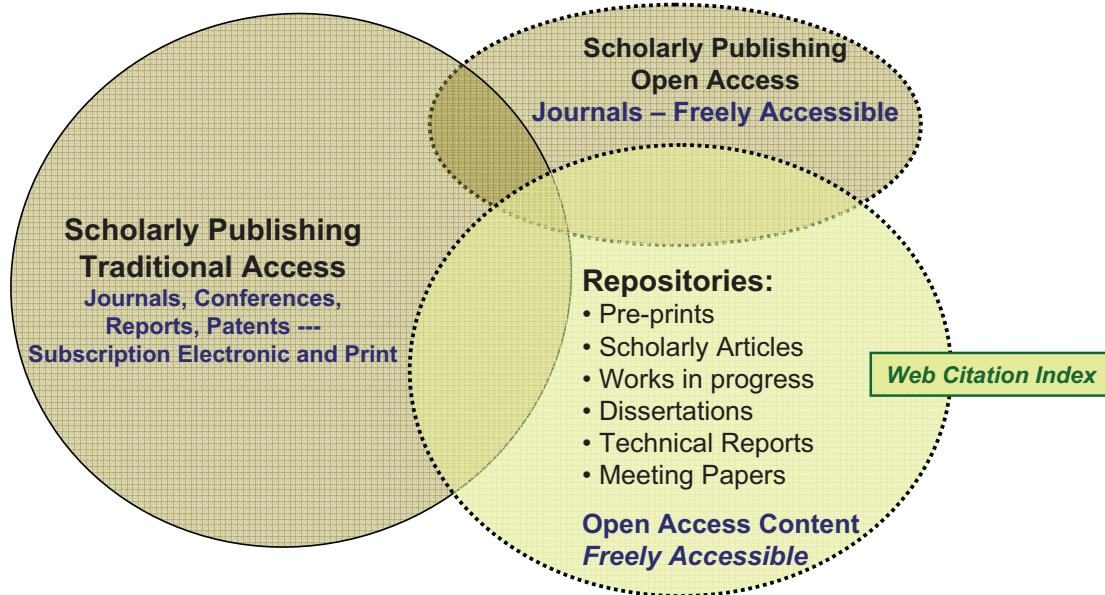
Bibliographic Fields

EXPORT TO REFERENCE SOFTWARE

SAVE TO MY ENDNOTE WEB

## 新しい学術情報流通形態への試み The Web Citation Index

ISI Web of Knowledge  
Database Coverage Looking Forward...



## Web Citation Index (Beta version)

- プレプリント、論文、テクニカルレポート、学位論文など、Web上で入手可能な学術情報の引用索引データベース
- 高品質なレポジトリを厳選：ジャーナル選定基準をベース
  - Authority (権威性・信頼性)
  - 全体のデザイン、メンテナンスの状況
  - 更新頻度
  - レビューポリシーと手順
- ISI Web of Knowledge上で提供
- 高品質レポジトリとトップジャーナルの文献を、同時に検索しリンクする環境を提供
- 研究者に、学術雑誌論文以外で起こっている引用情報を提供し、IRに自らの業績をのせる意義を高めてもらう
- 7大学・研究機関とともに開発

## Web Citation Indexのサンプルレコード

The screenshot shows a record for 'An Axisymmetric Gravitational Collapse Code' by Choptuik M. W., Hirschmann E. W., Liebling S. L., and Pretorius F. The record includes cited references (33) and citing items found (7). Annotations highlight various features:

- EndNoteWeb やCitation Alertなど**: Points to the 'Output This Record' section, which includes options for printing, saving to EndNote Web, and creating citation alerts.
- Web of Scienceと同じ機能**: Points to the 'Create Citation Alert' and 'Correct Record Text' sections.
- フルテキストリンク**: Points to the 'Additional Links' section, which includes a 'VIEW FULLTEXT' button.
- Web of Scienceへの引用ナビゲーション**: Points to the 'View in Web of Science' section, which includes links for 'Cited References', 'Citing Articles', and 'Related Records'.
- 33文献を引用している**: Points to the 'Cited References: 33' link.
- 7文献に引用された**: Points to the 'Citing Items Found: 7' link.
- その他データベースとリンク**: Points to the 'View record in' section, which includes links for 'Current Contents Connect', 'CC Connect Table of Contents', 'Inspec', and 'Web of Science'.

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## Current Web Contents

- 研究に役立つ高品質な学術プレミアサイトのデータベース（1999年にリリース）
- 雑誌選定基準をベースとして、高品質なWeb学術情報を選定（7000サイト）
- Current Contents Connectの一部として提供開始
- 現在ではISI Web of knowledge上で提供
- 日本のレポジトリも収録

## eScholarship@OUDIR - Okayama University Digital Information Repository

**Web Site:** eScholarship@OUDIR - Okayama University Digital Information Repository  
<http://escholarship.lib.okayama-u.ac.jp/>

**Description:** Okayama University's digital repository provides access to the English output of the university's research collections in subjects ranging from agriculture to electrical engineering.

**Keywords:** biology; electrical engineering; institutional repository; internal medicine; open access; etc.

**Publisher:** Okayama University

**Language:** English

**Type:** alerting service

**Format:** CGI; HTML; PDF

**Provider:** academic

**Last Evaluated:** 02 FEB 2007

[Back to Web results list](#)

TSの専門エディターが、Webサイトに  
 に関する情報を索引  
 定期的にQualityをチェック

The screenshot shows the homepage of the eScholarship@OUDIR repository. It features a navigation menu on the left with links for 'home', 'about', 'policy', 'help', 'my Account', 'notify Me', 'Okayama University', and 'OULibrary'. The main content area includes a 'Browse Research & Scholarship' section with search filters for subject, author, personal researcher pages, and journals. There is also a 'News & Topics' section and a 'Paper of the month' section on the right. The footer contains contact information and a search bar.

## まとめ

- ISI Web of Knowledge:
  - 研究のワークフローを支える高機能学術プラットフォーム
  - 各データベースの特色を最大限に生かした設計
  - Traditionalな学術情報とWeb上の学術情報をあわせて検索・リンク
  
- 新しい学術情報提供形態への対応
  - Web Citation Index
  - Current Web Contents
  
- Thomson Scientific
  - 学術情報の普遍性と最新提供形態に柔軟に対応
  - Better Decision Faster



ご静聴ありがとうございました