



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

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

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

文献調査

22,000 Academic Journals

23 million patents

192,000 conference Proceedings

7,000 Web sites

5,000 books

2,000,000 Chemical Structures

100 Year Scientific Citation

Institutional Repository

論文執筆

Write

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論文出版

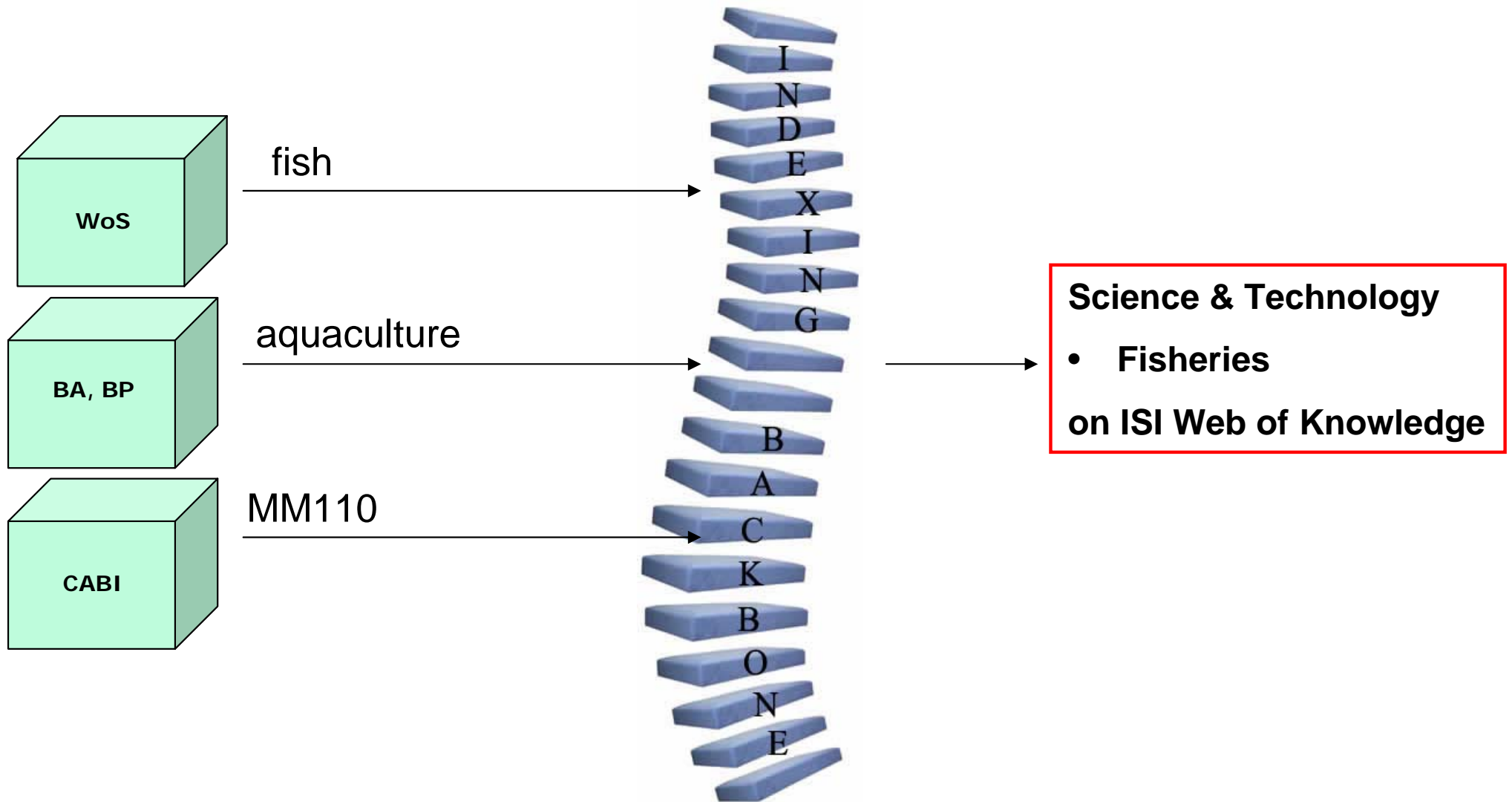
Submission

Scholar One

Editorial Management

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 Backbone

複数のデータベースを統一分類で絞込み

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
- 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
- 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
- 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
- 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

Web of Science

BIOSIS

Web of Science

Web of Science

Derwent Innovations Index

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

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The continued increase in the atmospheric concentration of carbon dioxide due to anthropogenic emissions is predicted to lead to significant changes in climate¹. About half of the current emissions are being absorbed by the ocean and by land ecosystems², but this absorption is sensitive to climate³⁻⁵ as well as to atmospheric carbon dioxide concentrations⁶, creating a feedback loop. General circulation models have generally excluded the feedback between climate and the biosphere, using static vegetation distributions and CO₂ concentrations from simple carbon-cycle models that do not include climate change⁶. 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 Gt C yr⁻¹ is balanced by the terrestrial carbon source, and atmospheric CO₂ concentrations are 250 p.p.m.v. higher in our fully coupled simulation than in uncoupled carbon models⁶, resulting in a global-mean warming of 5.5 K, as compared to 4 K without the carbon-cycle feedback.



Author Resources

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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.

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- 0 [Manuscripts I Have Co-Authored](#)
- 0 [Withdrawn Manuscripts](#)
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Site under configuration.

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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.

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

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- Click the "HTML" button to printer-friendly version of
- Be sure to read the review
- Navigate to the "Score Sheet"
- **TSDemo-0012-Apr-**
- Global Warming: Short
- Test Author, Adam (co
- **Invite Reviewers**
1 active selections; 0 inv returned

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

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

FIND RELATED RECORDS

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

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.

Cited References

[Beringia as a glacial refugium for boreal trees and shrubs](#)

Citing Articles--Summary

[Beringia as a glacial refugium for boreal trees and shrubs](#)

Related Records -- Summary

The records below are related to this parent article: BRUBAKER LB. [Beringia as a glacial refugium for boreal trees and shrubs](#)

Cited References: 104 **References Selected: 104**

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Navigation icons: << < [1 | 2 ... > >>

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References 1 -- 30

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- ABBOTT MB [Lake-level reconstructions for Alaska, based on pollen data from the QUATERNARY](#)
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9 results found

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- 1. Botkin DB, Saxena R, et al. [Forecasting the future of boreal forests in BIOSCIENCE 57](#)
Times Cited: 0
- 2. Lozhkin AV, Anderson PM, Brubaker LB, et al. [The pollen record of vegetation and the late middle Pleistocene of Beringia](#)

	Cited Refs	Shared Refs
<input type="checkbox"/> 1. McLachlan JS, Clark JS, Manos PS. Molecular indicators of tree migration capacity under rapid climate change . ECOLOGY 86 (8): 2088-2098 AUG 2005 Times Cited: 17	70	11
<input type="checkbox"/> 2. Edwards ME, Anderson PM, Brubaker LB, et al. Pollen-based biomes for Beringia 18,000, 6000 and 0 C-14 yr BP . JOURNAL OF BIOGEOGRAPHY 27 (3): 521-551 MAY 2000	141	12

Analyze Results:

ANALYZE

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

Output Records:

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- All records on page
- Records [] to []

Bibliographic Fields

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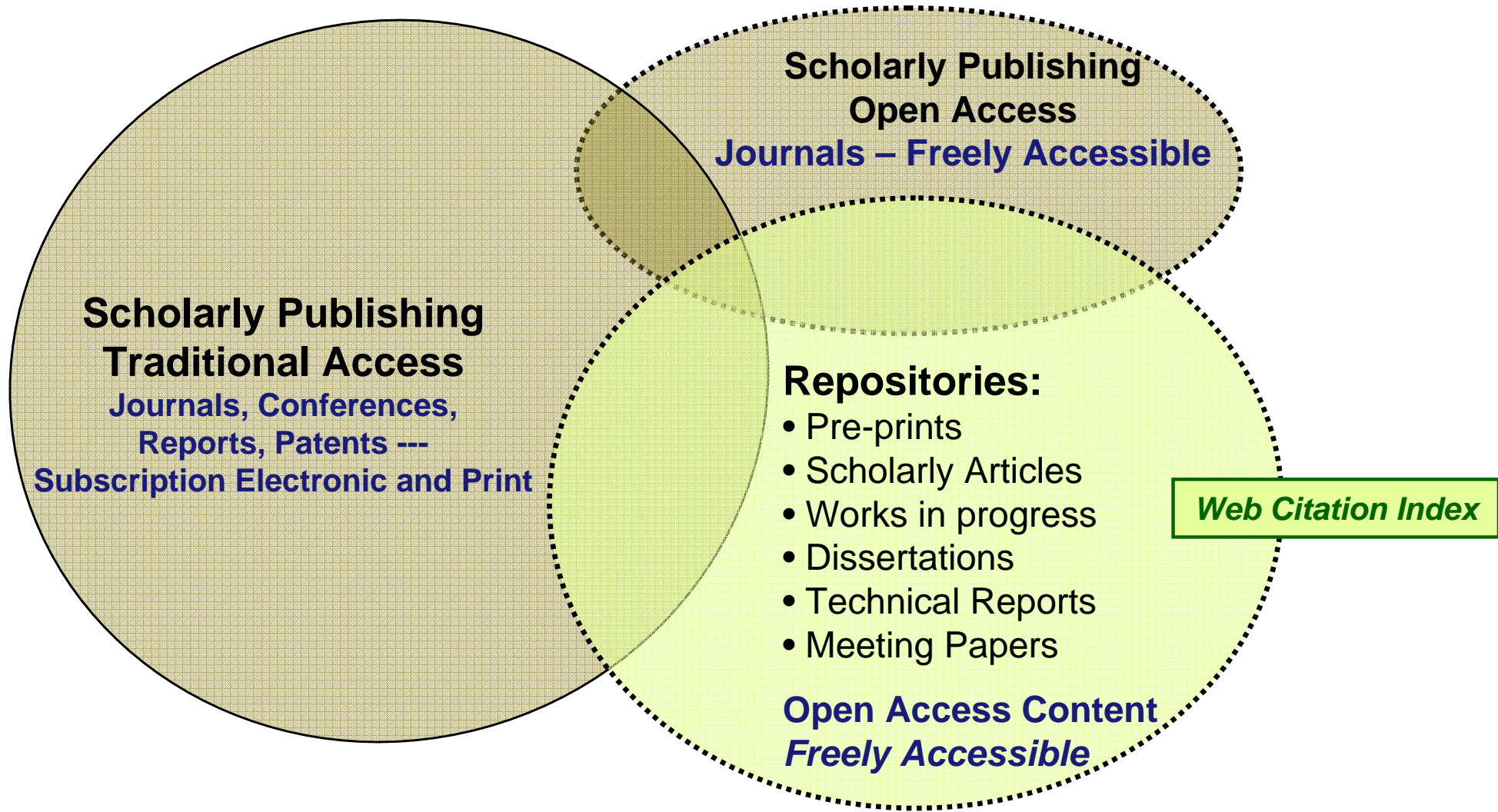
[Sign in to access EndNote Web]

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.

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 the ISI Web of Knowledge interface for a record in the Web Citation Index. The record title is "An Axisymmetric Gravitational Collapse Code" by Choptuik M. W., Hirschmann E. W., Liebling S. L., and Pretorius F. The repository is arXiv.org e-Print Archive. The record has 33 cited references and 7 citing items found. The interface includes navigation tabs (WELCOME, HELP, GENERAL SEARCH, CITED REF SEARCH, SEARCH HISTORY, ADVANCED SEARCH) and a sidebar with various options like "Output This Record", "Create Citation Alert", "Correct Record Text", and "Additional Links".

Annotations:

- EndNoteWeb やCitation Alertなど** (EndNoteWeb, Citation Alerts, etc.): Points to the "Output This Record" sidebar.
- Web of Scienceと同じ機能** (Same functions as Web of Science): Points to the "Output This Record" sidebar.
- フルテキストリンク** (Full-text link): Points to the "VIEW FULL TEXT" button in the "Additional Links" section.
- Web of Scienceへの引用ナビゲーション** (Navigation for citations to Web of Science): Points to the "Cited References", "Citing Articles", and "Related Records" links in the "View in Web of Science" section.
- 33文献を引用している** (Citing 33 references): Points to the "Cited References: 33" link.
- 7文献に引用された** (Cited by 7 references): Points to the "Citing Items Found: 7" link.
- その他データベースとリンク** (Links to other databases): Points to the "View record in" section, including "Current Contents Connect", "CC Connect Table of Contents", "Inspection", and "Web of Science".

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 digital collections in subjects ranging from agriculture to electrical engineering.

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

Publisher: Okayama University

Language: English

Type: alerting service

Format: CGI; HTML; PDF

Provider: academic

Last Evaluated: 02 FEB 2007

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

<< Back to Web results list

The screenshot shows the homepage of eScholarship@OUDIR. At the top right, it says 'Okayama University Digital Information'. Below the navigation menu, there is a search bar with a 'Search >' button and a link to 'Advanced Search'. The main content area is titled 'Browse Research & Scholarship' and lists several categories: 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 includes a 'Powered by EB Press' logo and a 'What is eScholarship@OUDIR repository?' link.

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
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 - Better Decision Faster



ご静聴ありがとうございました