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Web of Science

Search and Navigation in the Web of Knowledge

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Agenda

- Overview & background
- Search Demos
  - Topic
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- Record Overview
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  - Related Records
  - Times Cited
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- Managing Results
  - Refine
  - Analyze
  - Citation Report
- Saving Results
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  - EndNote Web
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    - Journal Article
    - Book
    - Artwork
  - Secondary Cited Author Search
  - Composite Record

Introduction – Web of Science

- One component of the Web of Knowledge portal
  - Biosis Citation Index
  - Chinese Science Citation Database
  - EndNote Web
  - Journal Citation Reports
  - Web of Science

- Web interface to:
  - Science Citation Index Expanded *1900_present
  - Social Sciences Citation Index *1900_present
  - Arts & Humanities Citation Index *1975_presernt
  - Conference Proceedings Citation Index- Science 1990_present
  - Conference Proceedings Citation Index- Social Science & Humanities 1990_present
  - Book Citation Index 2005_present

Introduction – Web of Science

- Cover-to-cover indexing of over 12,000 journals
- 130,000 Conference Proceedings
- 25,000 Books
- Powerful bibliographic and cited reference search capabilities, together with the benefits of cited reference linking and navigation.
- Key attributes:
  - Multidisciplinary
  - International
  - Influential

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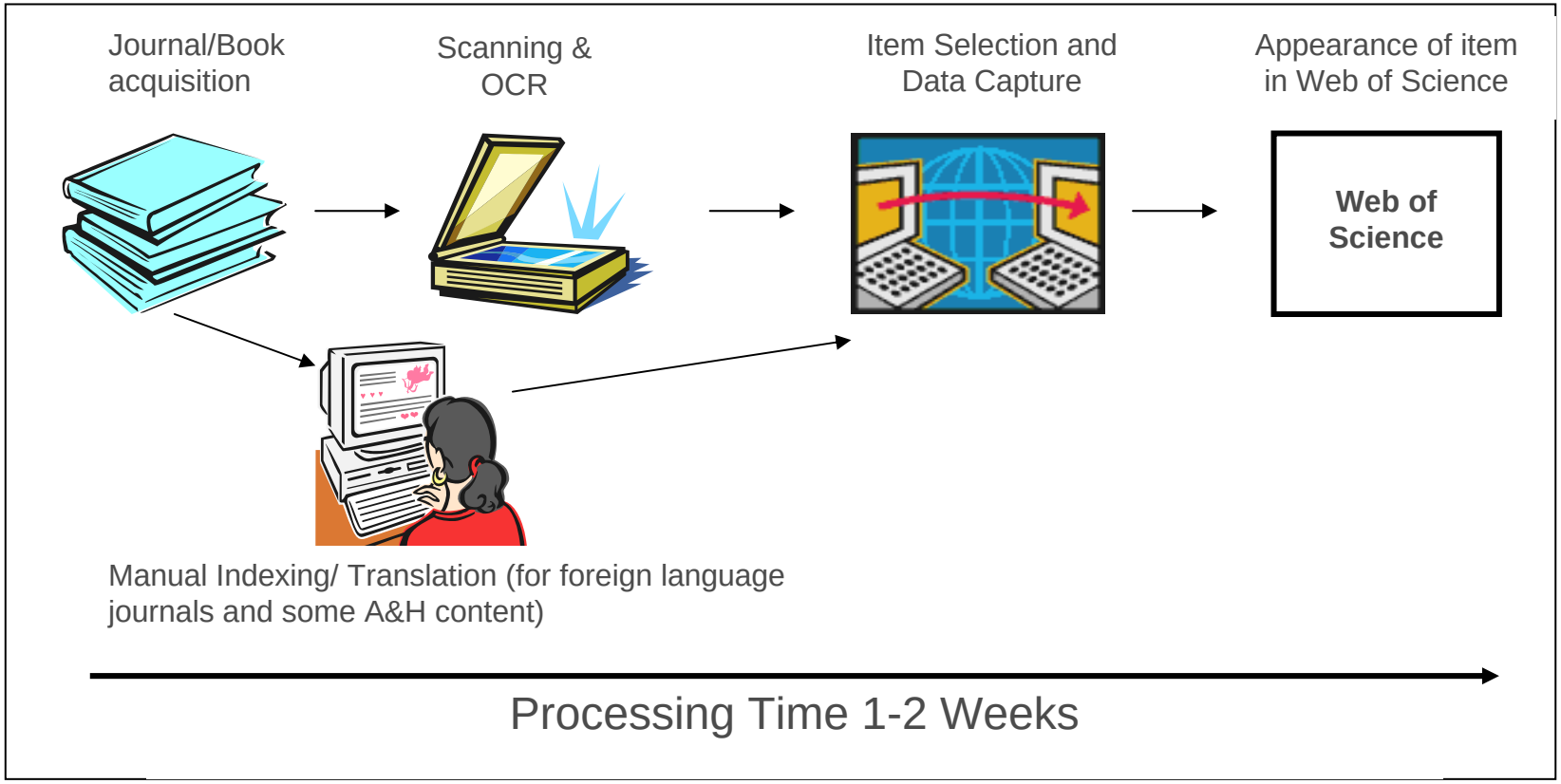
JOURNAL SELECTION POLICY

- Publishing Standards
  - Peer review, Editorial conventions
- Editorial content
  - Addition to knowledge in specific subject field
- Diversity
  - International, regional influence of authors, editors, advisors
- Citation analysis
  - Impact Factor (Journal Citation Reports)
  - Editors and authors' prior work

Coverage

	Covered Journals	New Records (weekly)	New Cited References (weekly)
Science Citation Index Expanded	8,368	24,200	420,600
Social Sciences Citation Index	2,978	3,000	70,600
Arts & Humanities Citation Index	1,650	1,800	15,500

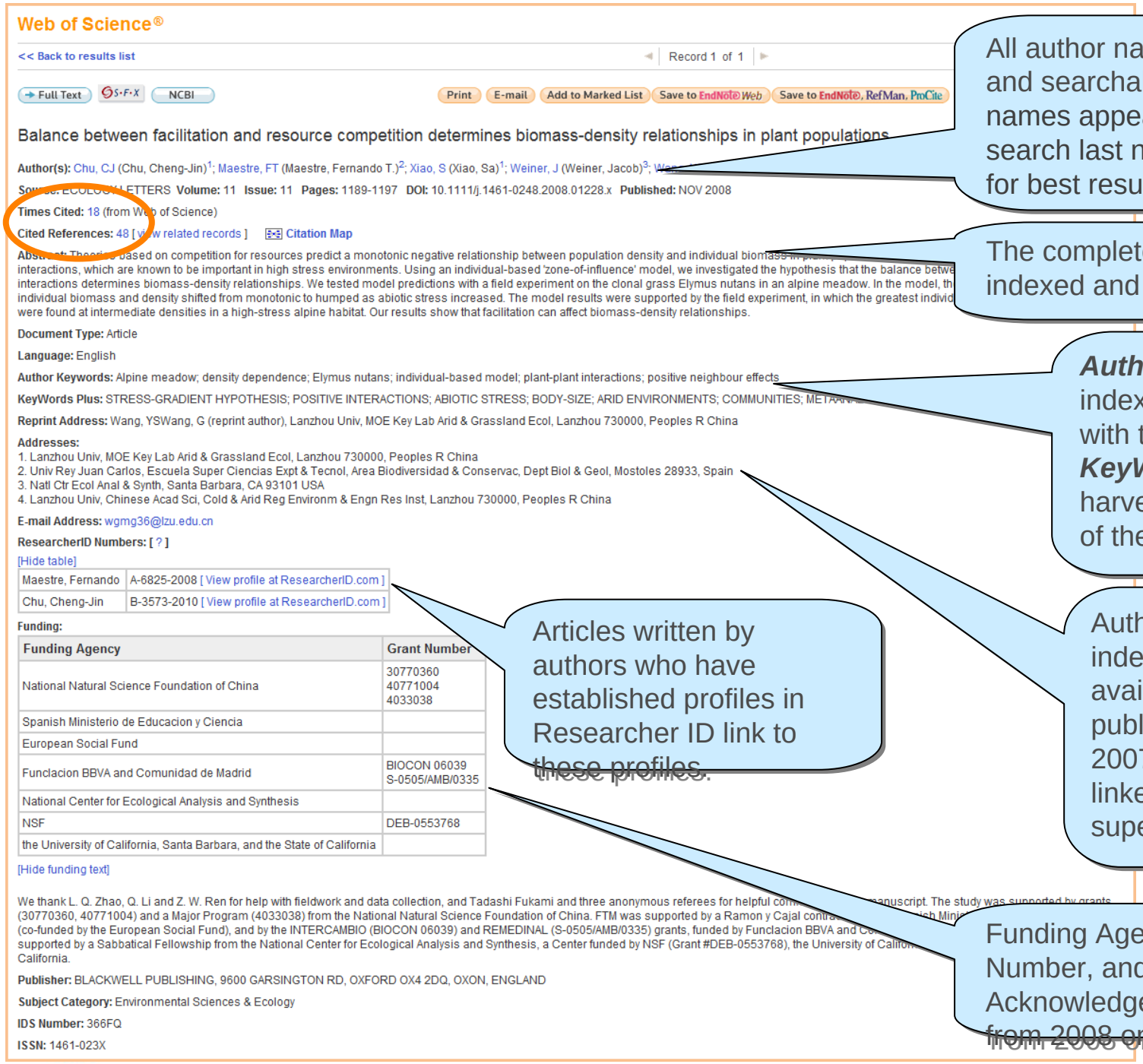
Database Production and Extraction



- Data file is updated weekly

Document Types - Cover to Cover Indexing

All Files	**Arts & Humanities Only**
Article	Art Exhibit Review
Bibliography	Dance Performance Review
Biographical Item	Excerpt
Book Review	Fiction Creative Prose
Correction	Film Review
Database Review	Music Performance Review
Editorial Material	Music Score
Hardware Review	Music Score Review
Letter	Poetry
Meeting Abstract	Record Review
News Item	Script
Proceedings Paper	Theater Review
Reprint	TV Review
Review	Radio Review
Software Review	



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Balance between facilitation and resource competition determines biomass-density relationships in plant populations

Author(s): Chu, CJ (Chu, Cheng-Jin)[1]; Maestre, FT (Maestre, Fernando T.)[2]; Xiao, S (Xiao, Sa)[1]; Weiner, J (Weiner, Jacob)[3];

Source: ECOLOGY LETTERS **Volume:** 11 **Issue:** 11 **Pages:** 1189-1197 **DOI:** 10.1111/j.1461-0248.2008.01228.x **Published:** NOV 2008

Times Cited: 18 (from Web of Science)

Cited References: 48 [view related records] Citation Map

Abstract: Theories based on competition for resources predict a monotonic negative relationship between population density and individual biomass in plants, interactions, which are known to be important in high stress environments. Using an individual-based 'zone-of-influence' model, we investigated the hypothesis that the balance betwe interactions determines biomass-density relationships. We tested model predictions with a field experiment on the clonal grass Elymus nutans in an alpine meadow. In the model, th individual biomass and density shifted from monotonic to humped as abiotic stress increased. The model results were supported by the field experiment, in which the greatest individ were found at intermediate densities in a high-stress alpine habitat. Our results show that facilitation can affect biomass-density relationships.

Document Type: Article

Language: English

Author Keywords: Alpine meadow; density dependence; Elymus nutans; individual-based model; plant-plant interactions; positive neighbour effects

KeyWords Plus: STRESS-GRADIENT HYPOTHESIS; POSITIVE INTERACTIONS; ABIOTIC STRESS; BODY-SIZE; ARID ENVIRONMENTS; COMMUNITIES; METAAN

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Chu, Cheng-Jin	B-3573-2010 [View profile at ResearcherID.com]

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European Social Fund	
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NSF	DEB-0553768
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Cited References
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Citation Map
References: 48
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Author(s): BERTNESS MD
Times Cited: 123 (from Web of Science)
2. Title: The role of positive interactions in communities: Lessons from intertidal habitats
Author(s): Bertness MD; Leonard GH
Times Cited: 224 (from Web of Science)
3. Title: Climate-driven interactions among rocky intertidal organisms caught between a rock and a hot place
Author(s): Bertness MD; Leonard GH; Levine JM; et al.
Times Cited: 45 (from Web of Science)
Links
Full Text
4.
Title: [not available]
Author(s): CALLAWAY RM
Times Cited: 95 (from Web of Science)
5. Title: Facilitation in plant communities: the past, the present, and the future
Author(s): Brooker Rob W.; Maestre Fernando T.; Callaway Ragan M.; et al.
Source: JOURNAL OF ECOLOGY Volume: 96 Issue: 1 Pages: 18-34 DOI: 10.1111/j.1365-2745.2007.01295.x
Times Cited: 186 (from Web of Science)
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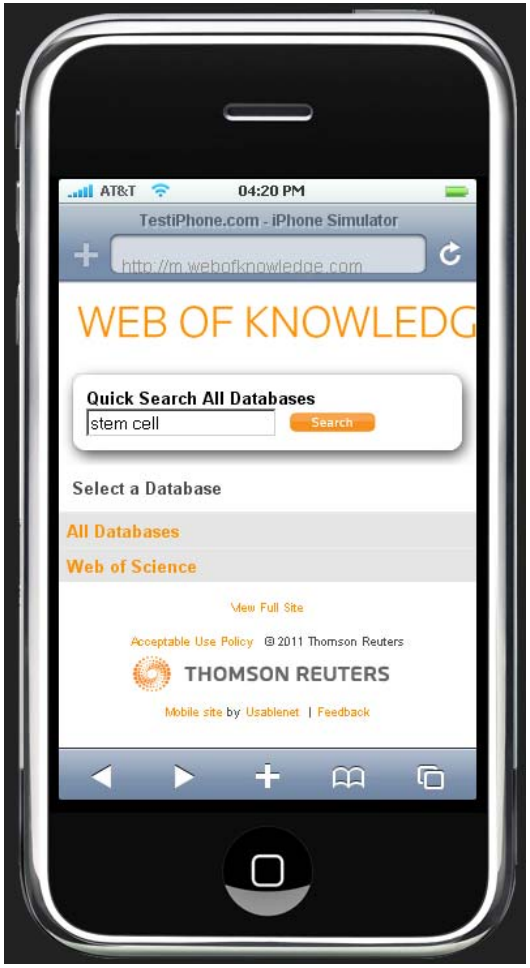

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