

WEB OF SCIENCE RELEASE NOTES v5.13.1

The following features are planned for the *Web of Science*™ on February 16, 2014. This document provides information about each of the features included in this release. If you have any questions, please contact: Nina Chang, Product Manager, Web of Science Platform at nina.chang@thomsonreuters.com.

This release includes enhancements or changes that impact all of the *Web of Science*. As appropriate, please communicate to your users before the release to prepare them for changes that might affect them.

RELEASE SUMMARY

Feature	Summary
More Prominent Analyze Button	<ul style="list-style-type: none">• Add a second analyze button to make it easier to find.
Add Database to Search Query Restatement	<ul style="list-style-type: none">• Include the database in search query restatements.
More Prominent Register Button	<ul style="list-style-type: none">• Add ability to Register from the top sitewide navigation
Journal Citation Reports Data Source Clarified	<ul style="list-style-type: none">• Clarify which edition of the Journal Citation Reports® provided the Journal Impact Factor
Treat Keywords/Keywords Plus as Phrase for One-Click searches	More precise results for one-click author keywords and keywords plus searches from full record
Display eISSN in Web of Science Core Collection	<ul style="list-style-type: none">• Display and output eISSN in Web of Science Core Collection
Google Scholar Reciprocal Linking	<ul style="list-style-type: none">• Access Google Scholar from Web of Science Core Collection for additional full-text options.• Access Web of Science Core Collection from Google Scholar to view citing articles.

BROWSER SUPPORT

With the 5.13 Release, Web of Science we will no longer support IE 6 or 7 and Firefox 3.6; we will also be supporting Chrome for the first time.

Operating systems:

- WIN 7 – Recommended
- WIN XP – Fully Supported
- Mac 10.7 – Recommended
- Mac 10.6 – Fully Supported

Browsers for WIN:

- IE 8 – Recommended
- IE 9 – Fully Supported
- Firefox 20 – Fully Supported
- Google Chrome 26 – Fully Supported

Browsers for Mac:

- Safari 6 - Recommended
- Firefox 20 – Fully Supported

Important note for Windows XP users of Internet Explorer 8:

Please download the KB2416400 patch (available here: <http://search.microsoft.com/en-us/DownloadResults.aspx?q=KB2416400>) if you receive the error "HTML Parsing Error: Unable to modify the parent container element before the child element is closed (KB927917)."

ORE PROMINENT ANALYZE BUTTON

A second “Analyze” button has been added to make it easier to find. Analyze Results may be accessed from the bottom left in the refine panel or the top right above the Times Cited counts.

The screenshot shows the top navigation bar with 'Web of Science™', 'InCites®', 'Journal Citation Reports®', 'Essential Science Indicators™', and 'EndNote®'. Below this is the 'WEB OF SCIENCE™' logo. A navigation bar contains 'Back to Search' and 'My Tools'. The main content area shows search results for 'cranberry' with 2,585 results. A 'Refine Results' panel is visible on the left. In the top right of the results area, there is a new 'Analyze Results' button.

This screenshot shows a zoomed-in view of the 'Refine Results' panel on the left side of the search results page. The panel includes categories like 'Organizations-Enhanced', 'Funding Agencies', 'Languages', 'Countries/Territories', and 'Open Access'. At the bottom of the panel, there is a text prompt 'For advanced refine options, use' and a prominent 'Analyze Results' button.

ADD DATABASE TO SEARCH QUERY RESTATEMENT

To remind users which database they are searching, the database is now included in the search query restatement shown on the following pages:

- Basic (General) Search Results
- Cited Ref Search Results
- Advanced Search Results
- Related Records (including PubMed Related Articles)
- Citing Articles (including Total Citing Articles, with and without self citations)
- Shared References
- Cited Reference Lists

- Citation Report Results
- Associated Data
- Book Chapters Summary

Web of Science™ InCites® Journal Citation Reports® Essential Science Indicators™ EndNote®

WEB OF SCIENCE™

Back to Search My Tools

Results: 3,506
(from Biological Abstracts)

You searched for:
TOPIC: (blueberry) ...More

Create Alert

Refine Results

Sort by: Publication Date -- newest to oldest

Select Page Save to EndNote online Add to Marked List

1. Reverse osmosis as a potential technique to improve antioxidant properties of fruit juices used for functional beverages

By: Gunathilake, K. D. P. P.; Yu, Li Juan; Rupasinghe, H. P. Vasantha
Food Chemistry Volume: 148 Pages: 335-341 Published: APR 1 2014

Full Text View Abstract

ADD REGISTER TO SITEWIDE TOOLBAR

To make it easier to create a personalized account so that you may save searches and set up alerts, a Register button was added to the sitewide toolbar.

Web of Science™ InCites® Journal Citation Reports® Essential Science Indicators™ EndNote®

WEB OF SCIENCE™

Search All Databases My

Welcome to the new Web

Basic Search

Example: oil spill* mediterranean

Topic Search

+ Add Another Field

JOURNAL CITATION REPORTS DATA SOURCE CLARIFIED

Within the Web of Science Core Collection, the Journal Information Overlay displays the current journal title, ISSN, JCR Quartile Rank in Category, JCR # in Rank Category, current publisher, Research Domain information, and Gold OA Status (if journal is Open Access) for all users.

For NextGen JCR subscribers, the Journal Information Overlay contains the same information as above but also includes one-year and five-year Impact Factor rank in category, and quartile information from the most recent Journal Citation Reports to give the user greater context for evaluation.

The Journal Impact Factor originates from the current edition of Journal Citation Reports. The data source attribution was modified to clarify that the Impact Factor information is from the most current edition rather than the year in which the record was published.

Web of Science™ InCites® Journal Citation Reports® Essential Science Indicators™ EndNote®

WEB OF SCIENCE™

Back to Search

Full Text Look up full-text Save to EndNote online Add to Marked List

MATHEMATICAL BIOSCIENCES AND ENGINEERING

Impact Factor
1.195 **1.323**
 2012 5 year

JCR® Category	Rank in Category	Quartile in Category
MATHEMATICAL & COMPUTATIONAL BIOLOGY	35 of 47	Q3

Data from the 2012 edition of Journal Citation Reports®

Publisher
 AMER INST MATHEMATICAL SCIENCES, PO BOX 2604, SPRINGFIELD, MO 65801-2604 USA
 ISSN: 1547-1063
 eISSN: 1551-0018

Research Domain
 Mathematical & Computational Biology

Close Window

AUTHOR KEYWORDS/KEYWORD PLUS SEARCHES AS PHRASE

To improve accuracy, the one-click searches on Author Keywords and auto-generated Keywords Plus are now treated as phrases from the full record to improve accuracy. Clicking on Author Keywords or KeyWords Plus performs a topic search with the selected term in quotes for the most precise results.

Web of Science™ InCites® Journal Citation Reports® Essential Science Indicators™ EndNote®

WEB OF SCIENCE™

[Back to Search](#) My To

[Full Text](#) [Look up full-text](#) [Print](#) [Email](#)

DISTRIBUTED, LAYERED AND RELIABLE COMPUTING NETS TO REPRESENT NEURONAL RECEPTIVE FIELDS

By: [Moreno-Diaz, A \(Moreno-Diaz, Arminda\)^{\[1\]}](#); [de Blasio, G \(de Blasio, Gabriel\)^{\[2\]}](#); [Moreno-Diaz, R \(Moreno-Diaz, Roberto, Jr.\)^{\[2\]}](#)

MATHEMATICAL BIOSCIENCES AND ENGINEERING
Volume: 11 **Issue:** 2 **Pages:** 343-361 **Special Issue:** SI
DOI: 10.3934/mbe.2014.11.343
Published: APR 2014
[View Journal Information](#)

Abstract

Receptive fields of retinal and other sensory neurons show a large variety of spatiotemporal linear and non linear types of responses to local stimuli. In visual neurons, these responses present either asymmetric sensitive zones or center-surround organization. In most cases, the nature of the responses suggests the existence of a kind of distributed computation prior to the integration by the final cell which is evidently supported by the anatomy. We describe a new kind of discrete and continuous filters to model the kind of computations taking place in the receptive fields of retinal cells. To show their performance in the analysis of different non-trivial neuron-like structures, we use a computer tool specifically programmed by the authors to that effect. This tool is also extended to study the effect of lesions on the whole performance of our model nets.

Keywords

Author Keywords: Layered and distributed computation; reliable nets; [Newton filters](#); Hermite functions; weight profile analysis and synthesis
KeyWords Plus: RETINAL GANGLION-CELLS; SPATIAL-ORGANIZATION; NONLINEAR ANALYSIS; CATFISH **RETINA**; SUBSTRATE; RESPONSES; VISION; CORTEX



eISSN and ISSN IN WEB OF SCIENCE CORE COLLECTION

Records in the Web of Science Core Collection now include the journal eISSN and well as print ISSN. This information displays in the Journal Info overlay and it also available for export as plain text and printing using the tags eISSN (print) and EI (plain text).

Document Type: Article
Language: English
Accession Number: WOS:000327124100001

ISSN: 0891-2017
eISSN: 1530-9312

Journal Information
Table of Contents: [Current Contents Connect®](#)
Impact Factor: [Journal Citation Reports®](#)

COMPUTATIONAL LINGUISTICS 🔒 ✖

Impact Factor
.94 1.85
 2012 5 year

JCR® Category	Rank in Category	Quartile in Category
COMPUTER SCIENCE, ARTIFICIAL INTELLIGENCE	72 of 115	Q3
COMPUTER SCIENCE, INTERDISCIPLINARY APPLICATIONS	66 of 100	Q3
LINGUISTICS	41 of 160	Q2

Data from the 2012 edition of Journal Citation Reports®

Publisher
 MIT PRESS, 55 HAYWARD STREET, CAMBRIDGE, MA 02142 USA

ISSN: 0891-2017
eISSN: 1530-9312

Research Domain
 Computer Science
 Linguistics

[Close Window](#)

GOOGLE SCHOLAR RECIPROCAL LINKING

This new functionality will be rolled out in phases to academic customers worldwide by first quarter 2014. The Google Scholar button links allows the user to look up full text in Google Scholar from a Web of Science Core Collection full record.

The screenshot shows the Web of Science interface. At the top, there are navigation tabs for 'Web of Science™', 'InCites®', 'Journal Citation Reports®', 'Essential Science Indicators™', and 'EndNote®'. The main header includes the 'WEB OF SCIENCE™' logo and the 'THOMSON REUTERS™' logo. Below the header, there are navigation options like 'Back to Search', 'My Tools', 'Search History', and 'Marked List'. A search bar contains the text 'Full Text' and a button labeled 'Look up full-text' which is highlighted with a red box. Below the search bar, the title of the article is displayed: 'MEGA5: Molecular Evolutionary Genetics Analysis Using Maximum Likelihood, Evolutionary Distance, and Maximum Parsimony Methods'. The authors listed are: 'By: Tamura, K (Tamura, Koichiro)^[1,2]; Peterson, D (Peterson, Daniel)^[1]; Peterson, N (Peterson, Nicholas)^[1]; Stecher, G (Stecher, Glen)^[1]; Nei, M (Nei, Masatoshi)^[3,4]; Kumar, S (Kumar, Sudhir)^[1,5]'. On the right side, there is a 'Citation Network' section showing '6,324 Times Cited' and '41 Cited References'.

You can now access Web of Science Core Collection from Google Scholar results when you are within your universities IP range. For certain records a link to view the record in Web of Science Core Collection, accompanied by Web of Science Core Collection times cited value, will appear in Google Scholar results. Clicking on the link will resolve to the Citing Articles summary page for the item of interest. Please note: product entitlements will be applied when linking into the Web of Science Core Collection.

The screenshot shows a Google Scholar search result. The search bar contains the query 'author:K Tamura in title:MEGA5: Molecular Evolutionary Genetics Analysis'. The search results show 3 results in 0.04 seconds. The first result is for the article 'MEGA5: molecular evolutionary genetics analysis using maximum likelihood, evolutionary distance, and maximum parsimony methods' by K. Tamura, D. Peterson, N. Peterson, G. Stecher, et al. The abstract is visible: 'Abstract Comparative analysis of molecular sequence data is essential for reconstructing the evolutionary histories of species and inferring the nature and extent of selective forces shaping the evolution of genes and species. Here, we announce the release of Molecular ... Cited by 9523 Related articles All 21 versions Web of Science: 6009 Cite Save'. The citation information is also visible: '[CITATION] ... posting date MEGA5: molecular evolutionary genetics analysis using maximum likelihood, evolutionary distance, and maximum parsimony methods K Tamura - Mol. Evol. Evol. doi, 4 Cited by 4 Related articles Cite Save'. The second result is for the article 'MEGA5: Molecular evolutionary genetics analysis using maximum likelihood, evolutionary distance, and maximum parsimony methods' by Nei M, et al. The citation information is also visible: '[CITATION] ... Nei M, et al. 2011 MEGA5: Molecular evolutionary genetics analysis using maximum likelihood, evolutionary distance, and maximum parsimony methods K Tamura, D Peterson, N Peterson, G Stecher - Mol. Bio. Evol. Cited by 3 Related articles Cite Save'. The interface includes navigation options like 'Articles', 'Case law', 'My library', and 'Sort by relevance'. There are also checkboxes for 'include patents', 'include citations', and 'Create alert'.

SELECTED DEFECTS

This release also fixes several defects including:

- More visible access to the institution's usage reports for administrators via the My Tools dropdown
- Retaining the entering search term when the search field is changed in Internet Explorer 8