



Consortium for e-Resources in Agriculture (A Sub-Project under NAIP)

2013

USER MANUAL



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www.cera.jccc.in

www.cera.jccc.in

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CeRA – Introduction

Consortium for e-Resources in Agriculture

(A Sub-Project under National Agricultural Innovation Project)

Unit of Simulation and Informatics

A-0 Block, LBS Building, the Indian Agricultural Research Institute, New Delhi 110 012

CeRA: Consortium for e-Resources in Agriculture

- A National Consortium of Universities and Research Centers, in India in Agriculture and related sciences.
- Promoted by Indian Council of Agricultural Research (ICAR), New Delhi.
- Funded by National Agricultural Innovation Project (NAIP), India

With the rapid growth of internet facilities and advancement of web technology, almost all reputed international journals are available on-line and can be easily accessed by researchers over the network. Since ICAR is having network connectivity across Institutes and State Agricultural Universities, selected journals could be made available over the network for the use of scientific community. Accordingly, National Agricultural Innovation Project (NAIP) has funded for establishing the Consortium for e-Resources in Agriculture (CeRA) at the Indian Agricultural Research Institute (IARI) in November 2007 to facilitate accessibility of scientific journals to all researchers/teachers in the National Agricultural Research System by providing access to journals online which is crucial for having excellence in research.

CeRA's Content Resources

CeRA currently provided access to a collection of 2,000 + Journals (Electronic + Print) from several publishers from the following sources.

- 200 + Print Journals from Designated Document Delivery Libraries
- 1800 + e-Journals from the following participating publishers.

Informatics

Springer - 70

Taylor & Francis Group - 1079

Indian Journals - 131

Annual Reviews - 22

Elsevier - 358

CSIRO - 8

Oxford University Press - 30

American Society of Agronomy - 8

Objectives of CeRA

- To upscale the existing R & D information resource base of ICAR Institutions/Universities comparable to world's leading Institutions/Organizations.
- To subscribe e-journals and create e-access culture among Scientists/Teachers in National Agricultural Research System (NARS).
- To access the impact of CeRA on the level of research publications measured through NAAS ID and Science Citation Index (SCI).

Homepage of CeRA

The screenshot displays the homepage of the Consortium for e-Resources in Agriculture (CeRA). At the top, there is a navigation bar with links for Admin, News, Usage Stats, Live Help, FAQ, and Tutorial. The main header features the CeRA logo and the text "CONSORTIUM FOR e-RESOURCES IN AGRICULTURE". Below this, there are links for Advanced Search, Browse Journals, My Journals, Home, and Logout. A secondary navigation bar includes "Indian Agricultural Research Institute", "Download J-Gate Toolbar", and "click here for Help". A central banner contains logos for Informatics, SpringerLink, Annual Reviews, Indian Journals.com, Taylor & Francis, American Society of Agronomy, and Oxford University Press. To the right of these logos is a "Quick Search" section with a search input field, a "Search Examples" link, and three checked checkboxes: "Peer-Reviewed Journals", "Professional & Industry Journals", and "Open-access Journals". A "search" button is located below the checkboxes. At the bottom of the page, there is a footer with links for About CeRA, About IARI, Member List, Feedback, Contact Us, and Newsletter, along with a copyright notice for 2012.

Fig. 1: Homepage of Consortium for e-Resources in Agriculture

CeRA, a web portal, specially designed with a motive to improve the quality of Research and Teaching in institutions, under National Agricultural Research System, which are IP authenticated can access CeRA from www.cera.jccc.in.

Access CeRA

CeRA accessed can be via

(i) IP authentication

If the access is via IP authentication then you can view the Full Text for a particular article.

(ii) No IP authentication

If the access is not IP authenticated the Username and Password is required and user can view only Abstract for a particular article.

Apart from this the IP authenticated Institutes can also access Admin module by clicking the Admin visible on the right hand side of the Homepage and by entering the Username and Password. It will appear as following:



Fig. 2: Homepage of Admin

News | Usage Stats | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Users | Journal Configuration | ILL | ILL Help Home | Logout

Indian Agricultural Research Institute

List of: **Consortia Subscribed Journals** Save to: Excel CSV None Listing 1668 Journals

List of Consortia Subscribed Journals

Sl.No	Journals	Mode of Subscription	Subscription From	Subscription To
1	Academy of Management Annals	Online	1997	2011
2	Accountability in Research	Online	1997	2011
3	Accounting Business and Financial History	Online	1997	2011
4	Accounting Education	Online	1997	2011
5	Acta Agriculturae Scandinavica, Section A: Animal Science	Online	1997	2011
6	Acta Agriculturae Scandinavica, Section B: Plant Soil Science	Online	1997	2011
7	Acta Agronomica Sinica	Online	1995	2011
8	Acta Biomaterialia	Online	1995	2011
9	Acta Borealia	Online	1997	2011
10	Acta Histochemica	Online	1995	2011
11	Acta Linguistica Hafniensia: International Journal of Linguistics	Online	1997	2011
12	Acta Oecologica	Online	1995	2011
13	Acta Physiologiae Plantarum	Online	1997	2011
14	Activities, Adaptation & Aging	Online	1997	2011
15	Adelphi Series	Online	1997	2011
16	Administration in Social Work	Online	1997	2011

Fig. 3: Accession via Admin

Admin mainly provides the:

- Consortia Subscribed Journals
- Library Subscribed Journals
- Open Access Journals

Searching for Articles

The screenshot shows the CeRA website interface. At the top, there are navigation links: Admin | News | Usage Stats | Live Help | FAQ | Tutorial. Below this is the CeRA logo and the text "CONSORTIUM FOR e-RESOURCES IN AGRICULTURE". A yellow box with a black border contains the following list:

1. Quick Search of articles via Keywords
2. Search for Articles
3. Browse various journals
4. Create Alert Profiles – My Journal

Red circles with numbers 1-4 are placed on the interface to correspond to these methods. Circle 1 is over the "Quick Search" input field. Circle 2 is over the "Advanced Search" link. Circle 3 is over the "Browse Journals" link. Circle 4 is over the "Click here to access Agricultural & Biological Journals" link. The interface also features logos for various publishers and databases: INFOTRATICS, SpringerLink, ANNUAL REVIEWS, IndianJournals.com, Taylor & Francis, OXFORD UNIVERSITY PRESS, ELSEVIER, CSIRO, and American Society of Agronomy. A "Quick Search" section includes a search input field, a "Search Examples" section with checkboxes for "Peer-Reviewed Journals", "Professional & Industry Journals", and "Open-access Journals", and a ">> search" button. At the bottom, there are links for "About CeRA", "About IARI", "Member List", "Feedback", "Contact Us", and "Newsletter", along with a copyright notice: "Copyright 2012, © Informatics (India) Ltd., Bangalore and IARI, New Delhi."

Fig. 4: Various means of searching in CeRA

CeRA can be accessed via :

1. **Quick Search:** It is used to search articles or journals against the search term entered in all the fields.
2. **Advanced Search:** It gives more searching options and is specially designed to guide you in creating a useful search.
3. **Browse Journals:** This helps in Browsing journals (via Title, Subject, Publisher name).
4. **My Journals:** This help to create an account and receive Alert mails.

1. Quick Search

The screenshot shows the CERA website's Quick Search interface. At the top, there are navigation links: Admin | News | Usage Stats | Live Help | FAQ | Tutorial. Below that, the main header reads "CONSORTIUM FOR e-RESOURCES IN AGRICULTURE" with logos for IARI, ICAR, and others. A secondary navigation bar includes: Advanced Search | Browse Journals | My Journals | Home | Logout. Below this, there are links for "Download J-Gate Toolbar" and "click here for Help". A central banner says "Click here to access J-Gate Agricultural & Biological Sciences". The main search area features a "Quick Search" section with an "Enter Search Term" input field and a "Search" button. To the left of the search box are logos for INFORARTICS, SpringerLink, ANNUAL REVIEWS, IndianJournals.com, Taylor & Francis, and OXFORD. Below the search box is a list of search filters: Peer-Reviewed Journals, Professional & Industry Journals, and Open-access Journals. A "search" button is located below the filters. Two yellow callout boxes provide instructions: one says "Type phrase words in quotes: Tobacco Mosaic Use Boolean Operators AND, OR Tobacco Mosaic AND Plants" and the other says "Select or deselect for searching: Peer-Reviewed Journals Professional & Industry Journals Open-access Journals".

Fig. 4.1.1: How to carry out Quick Search

Quick Search can be carried out via Phrases separated by Boolean Operators. For instance we type the phrase **Tobacco Mosaic AND Plants** in the search box and click on the search tab. We can find out the related keywords by using various Boolean operators like AND, OR etc.

The screenshot shows the website interface for the Consortium for e-Resources in Agriculture. At the top, there is a navigation bar with links for Admin, News, Usage Statistics, Live Help, FAQ, and Tutorial. Below this is a search bar with options for Advanced Search, Browse Journals, and My Journals. The search results are for the query 'Tobacco Mosaic and Plants', showing 672 results. The first two results are highlighted with callout boxes:

- 672 Articles Found on Tobacco Mosaic AND Plants** (Callout box pointing to the search results count)
- Click to view Abstract** (Callout box pointing to the 'Abstract' link for the first article)
- Click to view Full text** (Callout box pointing to the 'Full-Text Online' link for the first article)

The first article listed is: "A Chimeric Satellite Transgene Sequence is Inefficiently Targeted by viroid-induced DNA Methylation in Tobacco". The second article is: "First Report of Cucumber Mosaic Virus in Paeonia Lactifera in France".

Fig. 4.1.2: Result page for Quick Search

Result page of the keywords searched will be in this format. It contains the total number of results to the corresponding search i.e. number of articles, period i.e. year from which that search has been done till date, number of results per page. Articles can be viewed in the form of Abstract, Full-Text and PDF File.

2. Advanced Search

The screenshot shows the CERA Advanced Search page. The search term "Farming in Mangoes" is entered in the search box. The search is configured to search in "All fields" (selected in a dropdown menu). The search criteria are set to "AND". The number of results per page is set to 10. The subject categories are set to "All".

Annotations on the screenshot include:

- Conduct Search on Farming and Plants**: Points to the search box containing "Farming in Mangoes".
- Choose No. of References to display**: Points to the "View 10 results per page" dropdown.
- Choose year range or week updated**: Points to the "Publication Year" section with "From All" and "To: All" dropdowns.
- Choose Subject Category**: Points to the "Subject Categories" list, where "All" is selected.
- Search by:** A yellow box listing search criteria: Title Word, Keyword, Abstract, Author, Author Institution, and Institution. Arrows point from the search dropdown menu to this box.

Fig. 4.2.1: How to carry out Advanced Search

Advanced Search can be carried out by writing the topic to be searched in Search for box. For e.g. *Farming in Mangoes*. The search can be done in various fields via Title only, Keyword only, etc which can be selected from the various options available. Apart from this No. of References can also be chosen e.g. 10 in this case. Various subject options are also available.

The screenshot displays the 'Advanced Search' interface of the Consortium for e-Resources in Agriculture (CeRA). The search is performed for the 'Indian Agricultural Research Institute'. The 'Limit by' section includes filters for 'Results' (10 per page), 'Publication Year' (All to All), and 'Subject(s)'. The 'Subject Categories' are expanded, showing a hierarchical structure. 'Agricultural & Biological Sciences' is selected as Level I. Under this, 'Agriculture Sciences' is selected as Level II. Further sub-categories under 'Agriculture Sciences' are also selected, including 'Agricultural Biotechnology', 'Agricultural Engineering', 'Agro Business, Economics and Policies', 'Agronomy', 'Animal Husbandry, Livestock Management & Poultry Sciences', 'Animal Nutrition, Feed, Feed Additives & Manufacture', 'Apiculture', and 'Crops, Crop Production and Protection'.

Fig. 4.2.2: Expansion of Subject Category to various levels in Advanced Searching

Advanced search can be done more precisely by selecting the subject category of user's interest at various levels being level I be the basic level which has sub-level (Level II).

The screenshot shows the website interface for the Consortium for e-Resources in Agriculture. At the top, there are navigation links for Admin, News, Usage Statistics, Live Help, FAQ, and Tutorial. Below that, there are links for Advanced Search, Browse Journals, and My Journals. The search results are displayed for the query 'Farming in Mangoes'. The results are listed in a table-like format with columns for Title, Author(s), Source, and Keyword(s). Each entry includes an 'Abstract' link and a 'Request the Article' link. Callout boxes are present: one on the left says '4 Articles found in Farming in Mangoes', one on the right says 'Request the Article' with an arrow pointing to the link, and two at the bottom say 'Click to view' and 'Click to view Full Text' with arrows pointing to the article entries.

4 Articles found in Farming in Mangoes

1. **High Density Plantation in Marginal Soils and Processing of Mango**
 Author(s): B. Krishna; A. N. Kale; A. V. Dhake; S. S. Deshpande; V. R. Baisubrahmanyam
 Source: Acta Horticulturae, No.826 April 2009
 Keyword(s): Mangifera Indica; Organic Farming

2. **Evaluation of Alternatives to Copper Oxychloride for the Control of Bacterial Black Spot and Post Harvest Diseases in Mango**
 Author(s): A. Willis
 Source: Acta Horticulturae, No.826 April 2009
 Keyword(s): mango; bacterial black spot; Mangifera indica; Xanthomonas campestris pv mangiferae-indicae

3. **Contributions of Agroforestry Research and Development to Livelihood of Smallholder Farmers in Southern Africa: 2. Fruit, Medicinal, Fuelwood and Fodder Tree Systems**
 Author(s): F. K. Akonofesi; G. S. S. S. O. C. Ajayi; P. W. Chirwa; F. B. Kwestiga; R. Harawa
 Source: Agricultural Journal, Vol.3 No.1 April 2008 [Page 78-88]
 Keyword(s): Agroforestry; Fruit Trees; Ziziphus mauritiana; Vegetative Propagation; Technological Options

4. **A Quantitative Determination of the Food Security Status of Rural Farming Households in the northern Province of South Africa**
 Author(s): Jef J.P. Leroy; John van Ruyven; Luc D'Haese; Anne-Marie de Winter
 Source: Development Southern Africa, Vol.18 No.1 March 2001 [Page 5-17]
 Keyword(s): Food Security; South Africa; South Africans; Rural Areas; Cash Crops; Subtropical Fruits; Protein; Vegetables

Request the Article

Click to view **Click to view Full Text**

Fig. 4.2.3: Result Page of Advanced Search

The result page contains various journals. Each journal has abstract and the content is available in Full Text form or as a PDF file.



Indian Agricultural Research Institute

Abstract

Organic Farming in Isolated Landscapes does not Benefit flower-visiting Insects and Pollination

Reprint Author E-mail : claire.brittain@uni.leuphana.de

Authors : Claire Brittain; Riccardo Bommarco; Marco Vighi; Josef Settele; Simon G. Potts

Source : Biological Conservation Vol.: 143, No.: 8, August 2010 [Page 1860-1867]

KeyWord(s) : Agriculture; Bee; Biodiversity; Ecosystem service; Insecticide; Pollinator

Abstract

Organic farming has often been found to provide benefits for biodiversity, but the benefits can depend on the species considered and characteristics of the surrounding landscape. In an intensively farmed area of Northeast Italy we investigated whether isolated organic farms, in a conventionally farmed landscape, provided local benefits for insect pollinators and pollination services. We quantified the relative effects of local management (i.e. the farm system), landscape management (proportion of surrounding uncultivated land) and interactions between them. We compared six organic and six conventional vine fields. The proportion of surrounding uncultivated land was calculated for each site at radii of 200, 500, 1000 and 2000 m. The organic fields did not differ from the conventional in their floral resources or proportion of surrounding uncultivated land. Data were collected on pollinator abundance and species richness, visitation rates to, and pollination of experimental potted plants. None of these factors were significantly affected by the farming system. The abundance of visits to the potted plants in the conventional fields tended to be negatively affected by the proportion of surrounding uncultivated land. The proportion fruit set, weight of seeds per plant and seed weight in conventional and organic fields were all negatively affected by the proportion of surrounding uncultivated land. In vine fields the impact of the surrounding landscape was stronger than the local management. Enhancement of biodiversity through organic farming should not be assumed to be ubiquitous, as potential benefits may be offset by the crop type, organic-management practices and the specific habitat requirements in the surrounding landscape.

[Full-Text Online](#)

Fig. 4.2.4: To view the Full Abstract

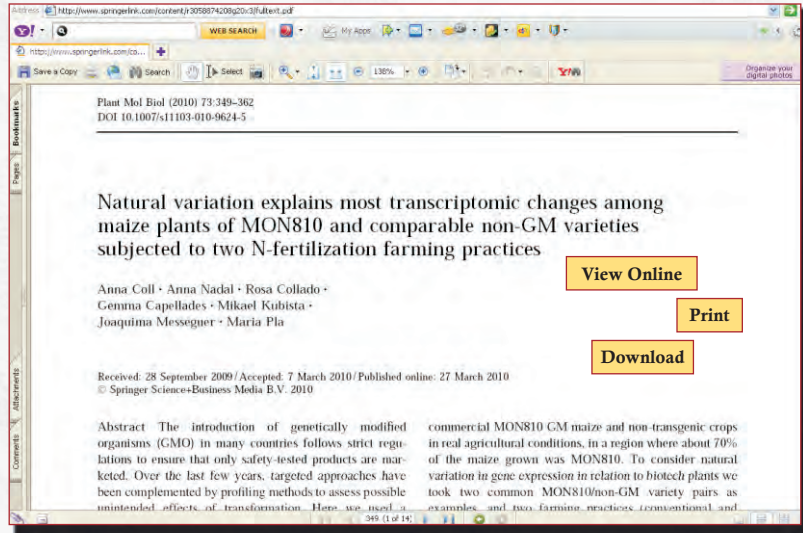


Fig. 4.2.5: To view the PDF File

3. Browse Journals

The screenshot shows the website interface for the Consortium for e-Resources in Agriculture. At the top, there is a navigation bar with links for 'Admin', 'News', 'Usage Stats', 'Live Help', 'FAQ', and 'Tutorial'. Below this is the main header with the organization's logo and name. A secondary navigation bar includes 'Advanced Search', 'Browse Journals', and 'My Journals'. The 'Browse Journals' menu is open, showing options: 'By Title', 'By Subject', 'By Publisher', and 'Latest Updates'. The main content area displays logos for various publishers: Taylor & Francis (with a note '11 Journals Click to view journals'), IndianJournals.com, SpringerLink, and ANNUAL REVIEWS. A diagram on the right side of the page shows 'Browse Journals' in a central oval, with arrows pointing to 'Title', 'Subject', 'Publisher', and 'Latest Updates'.

Fig. 4.3.1: Browsing Journals

Various Journals can be browsed from the Browse Journals option via:

- Title
- Subject
- Publisher's Name
- Latest Updates of various Journals

Browsing Journals via Title gives the list of all the title in alphabetical order, which on further click gives the Journals under that Title. The access type is also directed where

FT: Full-Text

RA: Request the Article

AL: Available in your Library

The screenshot shows the website interface for the Consortium for e-Resources in Agriculture. At the top, there is a navigation bar with links for 'Admin', 'News', 'Usage Statistics', 'Live Help', 'FAQ', and 'Tutorial'. Below this, the main header reads 'CONSORTIUM FOR e-RESOURCES IN AGRICULTURE'. A secondary navigation bar includes 'Advanced Search', 'Browse Journals', and 'My Journals'. The page is titled 'Indian Agricultural Research Institute' and features a search bar with a 'Quick Search - Enter Search Term' field. A legend indicates that 'RA' stands for 'Request Article', 'FT' for 'Full-Text', and 'AL' for 'Available in your Library'. The main content area is titled 'Browse Journals >> By Title' and displays a table of journals. The table has columns for 'No.', 'Journal Title', 'Access Type', and 'Journal Type'. The first 20 rows of the table are as follows:

No.	Journal Title	Access Type	Journal Type
1	Accountability in Research	FT	
2	Accounting Business and Financial History	FT	
3	Accounting Education	FT	Peer-reviewed
4	ACM Transactions on Mathematical Software	RA	Peer-reviewed
5	Acta Adriatica	FT	Peer-reviewed
6	Acta Agriculturae Scandinavica, Section A: Animal Science	FT	Peer-reviewed
7	Acta Agriculturae Scandinavica, Section B: Plant/Soil Science	FT	Peer-reviewed
8	Acta Agronomica Sinica	FT	
9	Acta Amazonica	FT	
10	Acta Biochimica et Biophysica Sinica	RA	Peer-reviewed
11	Acta Biomaterialia	FT	
12	Acta Biotheoretica	RA	Peer-reviewed
13	Acta Borealia	FT	Peer-reviewed
14	Acta Botanica Brasiliica	FT	Peer-reviewed
15	Acta Histochemica	FT	Peer-reviewed
16	Acta Horticulturae	RA	
17	Acta Ichthyologica et Piscatoria	FT	Peer-reviewed
18	Acta Mechanica Solida Sinica	FT	
19	Acta Oecologica	FT	Peer-reviewed
20	Acta Pathologica, Microbiologica Et Immunologica Scandinavica	RA	Peer-reviewed

Fig. 4.3.2: Browsing by Title

Admin | News | Usage Statistics | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | My Journals Home | Logout

Indian Agricultural Research Institute

Peer-Reviewed Jmis Professional & Industry Jmis Open-Access Jmis

Quick Search - Enter Search Term

All A B C D E F G H I J K L M N O P Q R S T U V W X Y Z

Listing 1 to 50 of 50 Journals starting with "G". Legend: RA->Request Article, FT->Full-Text, AL->Available in your Library

No.	Journal Title	Access Type	Journal Type
1	Gemini	FT	
2	Gender, Technology and Development	RA	
3	Gene	FT	Full text
4	Gene Conserve	FT	
5	Gene Expression Patterns	FT	Peer-reviewed
6	Gene Therapy	RA	Peer-reviewed
7	General and Comparative Endocrinology	FT	Peer-reviewed
8	Genes & Genetic Systems	FT	Peer-reviewed
9	Genetic Resources and Crop Evolution	FT	Peer-reviewed
10	Genetica	FT	Peer-reviewed
11	Genetics	AL	Available in your Library
12	Genetics and Molecular Biology	FT	Peer-reviewed
13	Genetics Research	AL	Peer-reviewed
14	Genetics Selection Evolution	FT	Peer-reviewed
15	GENEVA Risk and Insurance Review	RA	Peer-reviewed
16	Genome	AL	Peer-reviewed
17	Genomics	FT	Peer-reviewed
18	Genomics, Proteomics & Bioinformatics	FT	Peer-reviewed
19	Geobios	AL	Peer-reviewed
20	Geocarto International	RA	Requesting the Article

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Fig. 4.3.3(a): Requesting the Article

In case the journals are not available in your library then article can be requested to particular institute in which that is available by filling and sending the form to the institutes having that article.



Indian Agricultural Research Institute

Fields Marked * are Mandatory

Document Delivery Request

From * Enter your email ID.

To ▼

CC Indian Agricultural Research Institute

Sub Request for Photocopy

Title High Density Plantation in Marginal Soils and Processing of Mango

Authors B. Krishna; A.N. Kale; A.V. Dhake; S.S. Deshpande; V.R. Balsubrahmanyam

Journal Acta Horticulturae

Vol **Iss** **Year** **Page**

Name *

Designation ▼

Department*


Article Delivery Requested article will be delivered to
INDIAN AGRICULTURAL RESEARCH INSTITUTE
If you wish it to be delivered to another institute, Please
 ▼

Phone


Comments


Fig. 4.3.3(b): Form containing page for Requesting the Article

Admin | News | Usage Stats | Live Help | FAQ | Tutorial



CONSORTIUM FOR e-RESOURCES IN AGRICULTURE





Indian Agricultural Research Institute

Table of Contents
Genetics Research
Peer-reviewed Journal

Published by : **Cambridge University Press**

Current Issue : Vol. 93, No. 1, Feb, 31 2011 [Archives](#)

- 1. Genetic Structure and long-distance Dispersal in Populations of the Wingless Pest Springtail, *Sminthurus viridis* (Collembola: Sminthuridae)**

Reprint Author E-mail : j.roberts3@pgrad.unimelb.edu.au

Authors : John M. K. Roberts ; Andrew R. Weeks

Affiliation : Department of Genetics, Centre for Environmental Stress and Adaptation Research, The University of Melbourne, Parkville, Victoria 3010, Australia

[Abstract](#)

[Visit Your Library](#) →

Visit your Library for Full Text
- 2. Occurrence of a Short Variant of the Tol2 Transposable Element in Natural Populations of the Medaka Fish**

Reprint Author E-mail : koga@pri.kyoto-u.ac.jp

Authors : Akihiko Koga ; Shin Sasaki; Kiyoshi Naruse; Atsuko Shimada; Mitsuru Sakaizumi

Affiliation : Graduate School of Frontier Sciences, University of Tokyo, Kashiwa 277-0882, Japan

[Abstract](#)

[Visit Your Library](#)

Page No. : 13-21
- 3. Estimating the Correlation of non-allele Descents along Chromosomes**

Reprint Author E-mail : zhiquan@ualberta.ca

Authors : XIN-SHENG HU

Affiliation : Department of Agricultural, Food and Nutritional Sciences, University of Alberta, Edmonton, AB T6J 2P5, Canada


[Abstract](#)

[Visit Your Library](#)

Page No. : 23-32

Fig. 4.3.4: Articles which are available in your Library

Admin | News | Usage Stats | Live Help | FAQ | Tutorial



CONSORTIUM FOR e-RESOURCES IN AGRICULTURE





Indian Agricultural Research Institute

Table of Contents

BioControl

Peer-reviewed Journal

Published by : International Organisation for Biological Control

Current Issue : Vol. 56, No. 1, Feb, 2011 Archives

- 1. Diversity of Agromyzidae and Associated Hymenopteran Parasitoid Species in the Afrotropical Region: Implications for Biological Control**

Reprint Author E-mail : achabi@icipe.org → **User can directly mail the author**

Authors : Robert Musundire ; Adenirin Chabi-Olaye; Bernhard Lohr; Kerstin Kruger

Affiliation : International Centre of Insect Physiology and Ecology (icipe) P. O. Box 30772 00100 Nairobi Kenya

Keywords : Diversity; Agromyzidae; Hymenoptera parasitoids; Afrotropical region

[Abstract](#) [Full-Text Online](#) Page No. : 1-9
- 2. Differential Resistance of Oilseed Rape Cultivars (*Brassica napus* Ssp. *oleifera*) to *Verticillium longisporum* Infection is Affected by Rhizosphere Colonisation with Antagonistic Bacteria, *Serratia plymuthica* and *Pseudomonas chlororaphis***

Reprint Author E-mail : ehlers@biotec.uni-kiel.de

Authors : Ruba Abuamsha ; Mazen Salman; Ralf-Udo Ehlers

Affiliation : Department of Biotechnology and Biological Control, Institute for Phytopathology Christian Albrechts University Hermann-Rodewald Str. 9 24118 Kiel Germany

Keywords : Oilseed rape; *Verticillium longisporum*; Seed priming; Antagonistic bacteria; Root colonization; Growth promotion; Resistance

[Abstract](#) [Full-Text Online](#) Page No. : 101-112

Fig. 4.3.5: Directly mailing the author of article

78 Journals containing the word "Plant"

Search within the list of 2000 Journals to list Journals on Plant as Title word

Click to view Table of Content of this Journal

Indian Agricultural Research Institute

Peer-Reviewed Jnl. Professional & Industry J.

Quick Search - Enter Search Term

Listing 1 to 50 of 78 Journals containing "Plant". Legend: RA->Request Article, FT->Full-Text, AL->Available in your Library

Browse Journals>>By Title Find Journals

No.	Journal Title	Access Type	Journal Type
1	Acta Agriculturae Scandinavica, Section B: Plant Soil Science	FT	Peer-reviewed
2	Acta Physiologiae Plantarum	FT	Peer-reviewed
3	American Journal of Plant Physiology	FT	Peer-reviewed
4	Annals of Plant Protection Sciences	AL_FT	Peer-reviewed
5	Annual Review of Plant Biology	AL_FT	Peer-reviewed
6	Archives of Phytopathology and Plant Protection	FT	Peer-reviewed
7	Asian Journal of Plant Pathology	FT	Peer-reviewed
8	Australasian Plant Disease Notes	FT	Peer-reviewed
9	Australasian Plant Pathology	FT	Peer-reviewed
10	Australian Plants Online	FT	Peer-reviewed
11	Better Crops with Plant Food	FT	Peer-reviewed
12	Biologia Plantarum	FT	Peer-reviewed
13	Brazilian Journal of Plant Physiology	FT	Peer-reviewed
14	Canadian Journal of Plant Science	FA	Peer-reviewed
15	Canadian Plant Disease Survey	FT	Peer-reviewed
16	Communications in Soil Science and Plant Analysis	FT	Peer-reviewed
17	Critical Reviews in Plant Sciences	FT	Peer-reviewed
18	Current Opinion in Plant Biology	FT	Peer-reviewed
19	European Journal of Plant Pathology	FT	Peer-reviewed
20	Flora: Morphology, Distribution, Functional Ecology of Plants	FT	Peer-reviewed

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Fig. 4.3.6: Filtering the Journals containing the keyword Plant

Journals can be filtered out by using various keywords in the box of find journals. For e.g. Journal Title containing the word Plant can be searched from the available list of journals.

Admin | News | Usage Stats | Live Help | FAQ | Tutorial



CONSORTIUM FOR e-RESOURCES IN AGRICULTURE



Indian Agricultural Research Institute

Table of Contents
Annual Review of Plant Biology
Peer-reviewed Journal
 Published by **Annual Reviews Inc.**

View Latest Issues

Current Issue : Vol. 61, Jun, 2 2010

Archives

Click to view Back Issues

- 1. A Wandering Pathway in Plant Biology: From Wildflowers to Phototropins to Bacterial Virulence**
 Reprint Author E-mail : briggs@stanford.edu
 Authors : Winslow R. Briggs
 Affiliation : Department of Plant Biology, Carnegie Institution for Science, Stanford, California 94305;

[Abstract](#) [Full-Text Online](#)
Page No. : 1-20

- 2. Doomed Lovers: Mechanisms of Isolation and Incompatibility in Plants**
 Reprint Author E-mail : kbombles@oeb.harvard.edu
 Authors : Kirsten Bombles
 Affiliation : Department of Organismic and Evolutionary Biology, Harvard University, Cambridge, Massachusetts 02138;

[Abstract](#) [Full-Text Online](#)
Page No. : 109-124

- 3. Chloroplast RNA Metabolism**
 Reprint Author E-mail : ds28@cornell.edu
 Authors : David B. Stern ; Michel Goldschmidt-Clermont; Maureen R. Hanson
 Affiliation : Boyce Thompson Institute for Plant Research, Ithaca, New York 14853;

[Abstract](#) [Full-Text Online](#)
Page No. : 125-155

- 4. Protein Transport into Chloroplasts**
 Reprint Author E-mail : ccchu@gate.sinica.edu.tw

Fig. 4.3.7: Finding the Journals

Admin | News | Usage Stats | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Acta Agriculturae Scandinavica, Section B: Plant Soil Science
Published by : Nordic Association of Agricultural Scientists

ARCHIVE DETAILS

2010	2009	2008	2007	2006	2005	2004	2003	2002	2001
2000	1999	1998	1997						

Issue List - 2009

Vol. 59 No. 01, Jan	Vol. 59 No. 02, Mar	Vol. 59 No. 03, May
Vol. 59 No. 04, Jul	Vol. 59 No. 05, Sep	Vol. 59 No. 06, Nov

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Fig. 4.3.8: Browsing of Table of Content

It provides the article of various years of particular volumes.

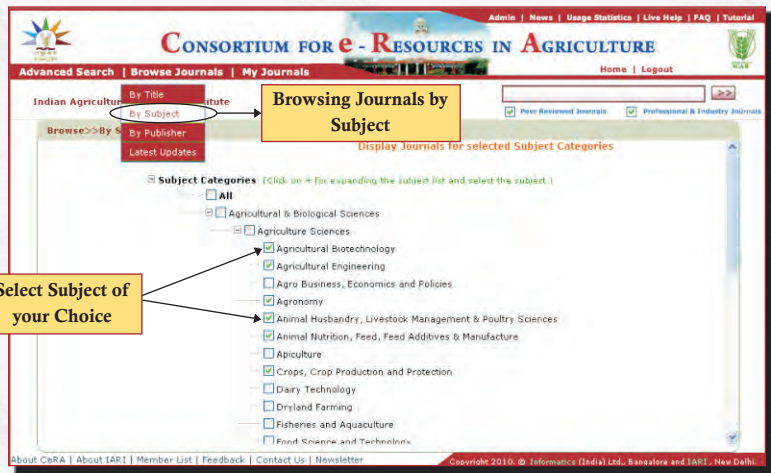


Fig. 4.3.9 (a): Browsing via Subject

It helps in searching the articles of various subjects and we can choose the subject of interest by clicking the check boxes.

Admin | News | Usage Statistics | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | My Journals Home | Logout

Indian Agricultural Research Institute

Peer-Reviewed Jnlis Professional & Industry Jnlis Open-Access Jnlis

Quick Search - Enter Search Term

All | 0- | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O | P | Q | R | S | T | U | V | W | X | Y | Z

Selected Subject(s): **Agricultural Biotechnology**; (Display Selected Subjects) Total Journals found: 466

Viewing Page 1 of 10 Legends: RA->Request Article, FT->Full-Text, AL->Available in your Library

Browse Journals>>By Subject

No.	Journal Title	Access Type	Journal Type
1	Acta Agriculturae Scandinavica, Section A: Animal Science	FT	Peer-reviewed
2	Acta Agriculturae Scandinavica, Section B: Plant Soil Science	FT	Peer-reviewed
3	Acta Agronomica Sinica	FT	
4	Acta Amazonica	FT	
5	Acta Botanica Brasiliica	FT	Peer-reviewed
6	Acta Horticulturae	RA	
7	Acta Veterinaria Scandinavica	FT	Peer-reviewed
8	Actinomycetologica	FT	
9	African Crop Science Journal	FT	Peer-reviewed
10	African Journal of Agricultural Research	FT	Peer-reviewed
11	African Journal of Biotechnology	FT	Peer-reviewed
12	African Journal of Microbiology Research	FT	Peer-reviewed
13	African Population Studies	FT	Peer-reviewed
14	Agraarteadus	FT	Peer-reviewed
15	Agri-Briefs	FT	
16	Agriculturae Conspectus Scientificus	FT	
17	Agricultural and Forest Meteorology	FT	Peer-reviewed
18	Agricultural Economics	AL	Peer-reviewed
19	Agricultural Engineering International: CIJR Ejournal	FT	
20	Agricultural Engineering Today	RA	
21	Agricultural Journal	FT	
22	Agricultural Outlook	FT	
23	Agricultural Research Magazine	FT	
24	Agricultural Reviews	AL,FT	

Select the journal to view TOC page

466 in Agriculture Biotechnology, etc

Fig. 4.3.9 (b) Result page showing various journals relevant to subject selected

Admin | News | Usage Statistics | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | My Journals Home | Logout

ABCDEFGHIJKLMNOPQRSTUVWXYZ

Find Publisher

1 Annual Reviews Inc. Publishers

Choose a Publisher

23 Journals of 'Annual Reviews Inc'

Legends: RA->Request Article, FT->Full-Text, AL->Available in your Library

No.	Journal Title	Access Type	Journal Type
1	Annual Review of Analytical Chemistry	FT	
2	Annual Review of Biochemistry	AL,FT	Peer-reviewed
3	Annual Review of Biomedical Engineering	FT	Peer-reviewed
4	Annual Review of Biophysics	FT	Peer-reviewed
5	Annual Review of Cell and Developmental Biology	AL,FT	Peer-reviewed
6	Annual Review of Clinical Psychology	FT	Peer-reviewed
7	Annual Review of Ecology, Evolution, and Systematics	AL,FT	Peer-reviewed
8	Annual Review of Entomology	AL,FT	Peer-reviewed
9	Annual Review of Genetics	AL,FT	Peer-reviewed
10	Annual Review of Genomics and Human Genetics	FT	Peer-reviewed
11	Annual Review of Immunology	AL,FT	Peer-reviewed

About CeRA | About IARI | Member List | Admin | Feedback | Journals List | Contact Us | **Experiencing any problem?**

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View Journals from Annual Reviews

Fig. 4.3.9 (c): Browsing via Publisher

Articles of various subjects of a particular publisher can be searched by simply writing the name of publisher in the search box

4. My Journals

The screenshot shows the 'My Journals Login Page' of the Consortium for e-Resources in Agriculture. The page features a navigation bar with links for 'Admin', 'News', 'Usage Statistics', 'Live Help', 'FAQ', and 'Tutorial'. Below this, there are links for 'Advanced Search', 'Browse Journals', and 'My Journals'. The main content area includes a search bar with the text 'Quick Search - Enter Search Term' and a search button. There are also checkboxes for 'Peer-Reviewed Jnls', 'Professional & Industry Jnls', and 'Open-Access Jnls'. The login section has a 'New User?' link and a 'Register Now' button. For registered users, there are input fields for 'Login Name' and 'Password', a 'Login' button, and a checkbox for 'Remember my LoginName/Password'. A link for 'Forgot your ID or password?' is also present. The footer contains copyright information for 2010, mentioning Informatica (India) Ltd., Bangalore, and IARI, New Delhi.

Fig. 4.4.1: My Journal – Homepage

Using my journal, user can create account and can carry out the search according to the requirement

Admin | News | Usage Statistics | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | My Journals Home | Logout

Indian Agricultural Research Institute

Peer-Reviewed Jnls Professional & Industry Jnls Open-Access Jnls

Quick Search - Enter Search Term

MyJournals -- New Registration

New User Register once

All fields are mandatory

First Name/Initial

Last Name

Department/Center

Email ID Type your Email ID to get mail notification.

Login Name

Password

Confirm Password

Save to CreateProfile

To Register click Save

Get your personal User ID and Password

About CeRA | About IARI | Member List | Feedback | Contact Us | Newsletter

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Fig. 4.4.2: My Journal (Registration Page)

The screenshot shows the 'My Journals -- Create Profile' interface. At the top, there are navigation links: Admin, News, Usage Statistics, Live Help, FAQ, Tutorial, Home, and Logout. Below that, there are search options: Advanced Search, Browse Journals, and My Journals. The Indian Agricultural Research Institute (IARI) logo is visible. A search bar contains the text 'Quick Search - Enter Search Term'. The main content area has three buttons: 'Add journals', 'View Profile(s)', and 'Exit MyJournals'. The 'Profile Name' field contains 'Science' and a note 'You can add Maximum of 25 Journals'. Below this is a list box for adding journals. A yellow callout box with an arrow pointing to the list box contains the text: 'User can give the profile name and can add journals to the profile by 'By Title' or 'By Subject''. The footer contains links for About CeRA, About IARI, Member List, Feedback, Contact Us, and Newsletter, along with a copyright notice for 2010.

Fig. 4.4.3: To Create User Profile



Fig. 4.4.4: Adding Journals (i) By Title (ii) By Subject

Admin | News | Usage Statistics | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | **My Journals** Home | Logout

Indian Agricultural Research Institute Peer-Reviewed Jrnls Professional & Industry Jrnls Open-Access Jrnls

Quick Search - Enter Search Term

All

Total Results: 318 Journals

Find Journals Starting with

62	<input type="checkbox"/>	Agribusiness
63	<input type="checkbox"/>	Agriculturae Conspectus Scientificus
64	<input type="checkbox"/>	Agricultural and Forest Meteorology
65	<input type="checkbox"/>	Agricultural Economics
66	<input type="checkbox"/>	Agricultural Economics Research Review
67	<input type="checkbox"/>	Agricultural Engineering International: CIGR Ejournal
68	<input type="checkbox"/>	Agricultural Engineering Today
69	<input type="checkbox"/>	Agricultural Journal
70	<input checked="" type="checkbox"/>	Agricultural Outlook
71	<input type="checkbox"/>	Agricultural Research Magazine
72	<input type="checkbox"/>	Agricultural Reviews
73	<input type="checkbox"/>	Agricultural Science Digest
74	<input checked="" type="checkbox"/>	Agricultural Sciences in China
75	<input type="checkbox"/>	Agricultural Systems
76	<input type="checkbox"/>	Agricultural Water Management
77	<input type="checkbox"/>	Agriculture, Ecosystems and Environment
78	<input type="checkbox"/>	AgriMarketing
79	<input type="checkbox"/>	

Click the check boxes of various journals to be added in My Journals

About CeRA | About IARI | Member List | Feedback | Contact Us | Newsletter

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Fig. 4.4.5: Selection of Journals to be added in My Journal Profile

The screenshot shows the CERA website interface. At the top, there is a navigation bar with links for Admin, News, Usage Statistics, Live Help, FAQ, and Tutorial. Below this is a header with the CERA logo and the text 'CONSORTIUM FOR e-RESOURCES IN AGRICULTURE'. A secondary navigation bar includes 'Advanced Search', 'Browse Journals', and 'My Journals'. The main content area is titled 'Indian Agricultural Research Institute' and features a search bar with a 'Quick Search - Enter Search Term' field and a search button. Below the search bar, there are three checked checkboxes: 'Peer-Reviewed Jrnls', 'Professional & Industry Jrnls', and 'Open-Access Jrnls'. The 'MyJournals -- Edit Profile' section contains several buttons: 'Save', 'Delete', 'Add journals', 'View Profile(s)', and 'Exit MyJournals'. A text box shows 'Profile Name: Science' and '4 Journals Selected', with a note 'You can add Maximum of 25 Journals'. A list of journals is displayed: 1. Agricultural Journal, 2. Agricultural Science Digest, 3. Agronomy Research, and 4. Bioinformatics. A yellow callout box with the text 'Save the selected Journals' has an arrow pointing to the 'Save' button.

Fig. 4.4.6: Saving the selected Journals in User's Profile

Any information related to these journals will be given by mail alerts to the user.

Admin | News | Usage Statistics | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | **My Journals** Home | Logout

Indian Agricultural Research Institute

Peer-Reviewed Jrnls Professional & Industry Jrnls Open-Access Jrnls

Quick Search - Enter Search Term

MyJournals -- View Profile

LoginName: xxx yyy

Department: IARI

S.No	Profile Name(s)	
1	Science	View Edit Delete

Fig. 4.4.7: View of Profile created

A particular user can create at the max 5 profiles. In each profile, maximum 25 journals can be added.

New Features

The screenshot displays the CeRA website interface. At the top, a navigation bar includes links for Admin, News, Usage Stats, Live Help, FAQ, and Tutorial. The main header features the CeRA logo and the text 'CONSORTIUM FOR e-RESOURCES IN AGRICULTURE'. Below this, a secondary navigation bar offers options for Advanced Search, Browse Journals, My Journals, Home, and Logout. A central banner for the Indian Agricultural Research Institute (IARI) includes a link to download the J-Gate toolbar and a link for help. A large central area contains logos for various publishers: Informatics, SpringerLink, Annual Reviews, Indian Journals.com, Taylor & Francis, American Society of Agronomy, and Oxford University Press. To the right of these logos is a 'Quick Search' section with a search input field, a 'Search Examples' link, and three checked filters: Peer-Reviewed Journals, Professional & Industry Journals, and Open-access Journals. A 'search' button is located below the filters. At the bottom of the page, a status bar shows the current date and time (14/11/2012, 3:08 PM) and a footer with links for About CeRA, About IARI, Member List, Feedback, Contact Us, and Newsletter, along with a copyright notice for 2012.

Admin | **News** | Usage Stats | Live Help | FAQ | Tutorial

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | My Journals Home | Logout

Indian Agricultural Research Institute Download J-Gate Toolbar click here for Help

Click here to access J-Gate Agricultural & Biological Sciences

INFORMATICS
SpringerLink
ANNUAL REVIEWS
Indian Journals.com
Taylor & Francis
American Society of Agronomy
OXFORD UNIVERSITY PRESS

Quick Search Search Examples

Enter Search Term

Peer-Reviewed Journals
 Professional & Industry Journals
 Open-access Journals

>> search

14/11/2012 3:08 PM

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Fig. 5.1: New Features (News)

The screenshot displays the website interface for the Consortium for e-Resources in Agriculture. At the top, a navigation bar includes links for Admin, News, Usage Stats, Live Help, and Feedback. A callout box points to the 'Usage Stats' link, stating: "Usage Stats gives the value of the number of times publishers, journals have been accessed during a particular time period". Below the navigation bar, there are links for Advanced Search, Browse Journals, and My Journals. The main content area features logos for various publishers and databases, including Informatics, SpringerLink, Annual Reviews, Elsevier, CSIRO, Indian Journals.com, Taylor & Francis, American Society of Agronomy, and Oxford University Press. A search interface is also present with a search bar and filters for Peer-Reviewed Journals, Professional & Industry Journals, and Open-access Journals. The footer contains links for About CeRA, About IARI, Member List, Feedback, Contact Us, and Newsletter, along with a copyright notice for 2012.

Fig. 5.2: New Features (Usage Stats)

The screenshot displays the website interface for the Consortium for e-Resources in Agriculture. At the top, there is a navigation bar with links for Admin, News, Usage Stats, **Live Help**, FAQ, and Tutorial. The main header features the organization's logo and name. Below the header, there are links for Advanced Search, Browse Journals, and My Journals, along with Home and Logout options. A secondary navigation bar includes links for Indian Agricultural Research Institute, Download J-Gate Toolbar, and a highlighted **click here for Help** link. The main content area contains logos for various publishers and databases such as Informatics, SpringerLink, Annual Reviews, Elsevier, CSIRO, IndianJournals.com, Taylor & Francis, American Society of Agronomy, and Oxford University Press. A search section on the right includes a 'Quick Search' input field, search examples, and checkboxes for Peer-Reviewed Journals, Professional & Industry Journals, and Open-access Journals. A 'Vis. today' counter shows 388. The footer contains links for About CeRA, About IARI, Member List, Feedback, Contact Us, and Newsletter, along with a copyright notice for 2012.

Live Help is an approach of solving users query as soon as possible.

Fig. 5.3 (a): New Features (Live Help)

INFORMATICS

Support Chat

Thanks for contacting us! To better serve you, please fill out the short form below and click the Start Chat button in the lower right.

Name: *

Email: *

Phone: *

(* - indicates required field)

BILD

Start Chat

Fig. 5.3 (b): Queries can be solved with the help of Live Chat

The screenshot shows the website for the Consortium for e-Resources in Agriculture. At the top, there is a navigation bar with links for Admin, News, Usage Stats, Live Help, FAQ, and Tutorial. The main header features the consortium's logo and name. Below this, there are links for Advanced Search, Browse Journals, and My Journals. A central banner for the Indian Agricultural Research Institute includes a link to download the J-Gate Toolbar and a link to access J-Gate Agricultural & Biological Sciences. The main content area displays logos for several publishers: Informatics, SpringerLink, Annual Reviews, Elsevier, CSIRO, IndianJournals.com, Taylor & Francis, American Society of Agronomy, and Oxford University Press. To the right of these logos is a search section with a 'Quick Search' button, a search input field, and a list of search filters: Peer-Reviewed Journals, Professional & Industry Journals, and Open-access Journals. A search button is located below the filters. At the bottom of the page, there is a footer with links for About CeRA, About IARI, Member List, Feedback, Contact Us, and Newsletter, along with a copyright notice for 2012.

FAQ gives the frequently asked questions

Fig. 5.4 (a): New Features Frequently Asked Questions (FAQ)



FAQ

FAQ

1. What is CeRA?
2. What is the procedure to access the CeRA Site?
3. Which are the Publishers included in CeRA?
4. What are the journals available in CeRA?
5. Explain 'Admin' ?
6. What is 'Request the Article' (RA) ?
7. Why CeRA is not accessible outside the campus or at home?
8. How to become a member of CeRA?
9. Can you conduct a workshop in our institute?
10. Know more details about subscription information?

What is CeRA?

Consortium for e-Resources in Agriculture (CeRA) has been established under the NAIP for providing online access to e-journals and resources in over 120 ICAR libraries. Objective is to expand the existing R & D information resource base of ICAR Institutions/Universities, etc., comparable to world leading institutions/organizations, and nucleate e-access culture among scientists/teachers in ICAR Institutes / Agricultural Universities.

[Top]

Fig. 5.4 (b): FAQ section

Admin | News | Usage Stats | Live Help | FAQ | **Tutorial**

CONSORTIUM FOR e-RESOURCES IN AGRICULTURE

Advanced Search | Browse Journals | My Journals Home | Logout

Indian Agricultural Research Institute Download J-Gate Toolbar click here for Help

Click here to access J-Gate Agricultural & Biological Sciences

INFORMATICS
 A Nonprofit Science Publisher
SpringerLink
ANNUAL REVIEWS
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ELSEVIER
CSIRO
IndianJournals.com
 A Product of Qan Enterprise
Taylor & Francis
 Taylor & Francis Group
American Society of Agronomy
 Agronomy feeds the world
OXFORD
 UNIVERSITY PRESS

Quick Search Search Examples

Enter Search Term

Peer-Reviewed Journals
 Professional & Industry Journals
 Open-access Journals

>> search

Vis. today 388

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Tutorial is an online guide for accessing CeRA

Fig. 5.5: New Features (Tutorial)

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