J-Gate@Consortia provides the facility of single point search for consortia subscribed, library subscribed and open access journals. It provides three different layers of searching:

1) Consortia Journals: The user can search within the consortia subscribed journals, download the full text articles or request for the articles from other libraries within the consortia.

2) Library Subscribed Journals: The user can search within the library subscribed journals and download the full text of the article. He can also view the articles from journals available only in print in his institution’s library.

3) My Library Journals: The user can create his own personalized profile and search within a set of chosen journals. He will also receive an email alert if there is any update in the TOC of those journals.

The functionalities like Basic Search, Journal Finder, Author Finder, Advanced Search, Search Results will be common for all the three layers of searching. According to the kind of journals he wants to restrict his searches to (Consortia, Library or Favourite), the researcher can toggle between the three layers while using these functionalities.
Table of Contents

- Accessing Consortia Journals .......................................................... 6
- Search Relevant and Current Information ........................................... 7
- Refine Search Results ........................................................................ 8
- View Articles of Your Interest ............................................................ 10
- Document Delivery Request from a Library ......................................... 12
- Advance Search for More Complex Query ............................................ 13
- Author Finder ...................................................................................... 14
- Journal Finder
  - Search journals .................................................................................. 16
  - Browse Journals Using A-Z Listing ...................................................... 17
  - Browse Table of Contents ................................................................... 18
- Register to create My Favourite Journals & Set Alerts .......................... 19
  - Search History .................................................................................... 22
Accessing the Consortia Journals

1. Basic Search for faster and Quick search
2. Browse Table of contents using Journal Finder option
3. Locate articles of your favourite author, using Author Finder option
4. Advance search for complex searches based on multiple parameters
5. Save search history, click on Search History
6. To view selected marked results, click on View Marked Results
7. To register & create your favourite journals, click on My J-Gate
8. Limit your results to Consortia subscribed journals or My library journals or My Favourite journals

Navigate from home page

www.jgateplus.com
Type keyword or select from the autosuggested drop down list. Use Filters to limit the search results (combinations possible)

1. **J-Gate Subjects**: By default all subjects are selected, click to de-select subjects
2. **Full Text Only**: To view articles with full text access, click on the limit “Full Text Only”
3. **Indian Journals**: To view articles from Indian journals only, click on the limit Indian Journals
4. **Professional & Industry Journals**: For results from only professional and industry journals, de-select the Peer reviewed option.
5. **Peer Reviewed Journals**: De-select the professional & industry journals option to view results from peer reviewed journals only
6. Click to limit results to **Consortia Subscribed Journals My Library Journals or My Favourite Journals**
1. Narrow search results using the options Filter Results by Subject, Author, Journal or Years. For default setting, de-select the selections & click on the button “Apply filter”

2. By default All results are displayed, Full Text Tab will display articles where the user has full text access.

3. For graphical view of search results by Subject or Journal.

4. Refine your search results using Refine Search. For new searches, use New Search option

5. To change the pre-search settings click on Change Search Setting link

6. By default the search results are displayed by Date of Publication, click on Relevancy to display articles based on relevancy.
Global Exponential Stability of Impulsive Cellular Neural Networks with Time-Varying Delays via Fixed Point theory

Author: Yutian Zhang, Di Lu
E-mail: ytyzhangf1@163.com
Affiliation: School of mathematics & statistics, Nanjing University of information Science & Technology, Nanjing, 210094, China
Source: Advances in Difference Equations; Vol 2013 No 1, Dec 2013; PP. 1-12
Keywords: Neural Network, Fixed Point, Global Exponential Stability, Delay; Impulse

Abstract: This work is devoted to studying the application of fixed point theory to the stability analysis of complex neural networks. We employ the new method of constructing a Lyapunov-Krasovskii functional principle to investigate the stability of impulsive cellular neural networks with time-varying delays. Furthermore, novel and concise sufficient conditions are presented to ensure the existence and uniqueness of solution and the global exponential stability of the considered system at the same time. These conditions are easily checked and do not require the differentiability of delays.
1. Click **Article Title** to view the details of the articles with links to
   a. **Full Text**, for the articles you have full text access online
   b. **Available in your Library**, if the article is subscribed in print and the hard copy is available in your library
   c. **Request Article** link appears if the article is available in one of the participating library and they are ready to participate in inter library loan (ILL).
   d. **Find in a Library** link will be displayed if the article is available in one of the non-designated ILL member library(s), you may contact any of these libraries for document delivery request outside the system.

2. Click on the **Author Name** to quickly view the articles written by an author.

3. Click on the **Keyword** to quickly view the articles having the selected keyword

4. **Click on the Journal Name** to view all the other articles of the same issue
On clicking the Request Article button, a Document delivery Request (DDR) form appears, or may request a copy of the article to any of the participating DDR library by filling in the requested details.
1. By default, **All Subjects** are pre-selected; click to deselect. Click on the + mark provided against a subject to view the subject hierarchy.

2. By default, "All" fields are selected, choose the field(s) in which the keyword/phrase is to be searched.

3. Use **Boolean operators** to broaden (OR) or narrow down (AND) your searches.

4. For additional search boxes click on the **More** button.

5. Use Parameters like **Publication Year**, **Journal Category**, **Journal Title** to limit your search.
Author Finder to Find Articles of an Author

J-Gate Subjects
- Select All
- Agricultural & Biological Sciences
- Arts & Humanities
- Basic Sciences
- Biomedical Sciences
- Engineering & Technology
- Social & Management Sciences

Author Finder

Arora

1. To search articles written by your favourite author type in the First Name or Last Name without initials.
2. Do not use Initials while searching
1. Select author of your interest by clicking on the check box provided against the author name.
2. Click on view articles button to view articles written by your favourite/selected author.
1. **Search** to locate and view table of contents of a journal.
   a. **Subjects** limit – By default all subjects are pre-selected, click to deselect. Click on the + mark provided against a subject to view the subject hierarchy.
   b. To view **Peer Reviewed Journals**, de-select the professional and industry option
   c. To view only the **Professional and Industry Journals**, de-select the peer reviewed option
   d. To view **Indian Journals** check the Indian journals option.
2. To browse through all the journals listed, click on the link A-Z listing
1. Filter and browse journals using Category and Subject.
2. Click on Browse by Publisher, Browse by Latest Update or Browse by Packages to view Journal accordingly.
3. Select available journals in your subject category or subcategory by deselecting all, expanding the basic subject areas and selecting the subcategory.
4. FT -> Full Text, AL -> Available in Library, RA -> Request Article.
1. Browse the Table of Contents by Latest or Archival issue and read the articles of your interest.
2. Search across all the articles of the journal using Search option.
3. Click on the Article Title to view article details.
4. Click to limit results to Consortia Subscribed Journals or My Library Journals or My Favourite Journals.
Register to create My Favourite Journals & Set Alerts

1. Enter your login credentials if you are a registered user.
2. If you are a new user, click here to go to the registration page.

Sign in
Login with your Username and Password to use your my J-gate account

Email: 
Password: 
Forgot Password: 

If you have not registered, Click here to create your J-Gate account.
User Registration

1. Fill in your personal details.
2. Get the 'Institutional ID' from your librarian.
3. When you click on Register button, you’ll receive an email with the password. This email and password can be utilized to login on the previous page.

First Name*
Last Name*
Email*
Department*
Describe Your Profile* Student
Select any one Identity

- Your Library ID
- Your Institutional ID

Register Cancel
1. Click on My J-Gate or My Favourite Journals tab and log in by entering the profile access credentials. New users will have to register once.

2. After logging in, My J-Gate text will be replaced by the logged in user's name, click on the drop down and select Manage Alerts to configure your favourite journals.

3. To create alerts, click on Create Alerts tab. You can create alerts by browsing & selecting journals either using A-Z listing, or by search.

4. Click on View Alerts to view or manage the alerts created/journals configured as My favourite.

5. Click on Edit Registration to edit your profile information.
## Search History

<table>
<thead>
<tr>
<th>Sr. No.</th>
<th>Search Terms</th>
<th>Date/Time</th>
<th>Search Type</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Inflation: (Title/Keyword/Abstract), Limit By: Peer-Reviewed Journals or Professional Industry Journals; Context: My Consortia Journals;</td>
<td>09/24/2013 00:00AM</td>
<td>Advanced Search</td>
<td>View Results (17022)</td>
</tr>
<tr>
<td>2</td>
<td>Inflation: (Title/Keyword/Abstract), Limit By: Peer-Reviewed Journals or Professional Industry Journals; Context: All Journals;</td>
<td>09/24/2013 00:00AM</td>
<td>Basic Search</td>
<td>View Results (17022)</td>
</tr>
<tr>
<td>3</td>
<td>Jagdish Arora: [Author(s)], Limit By: Context: My Consortia Journals;</td>
<td>09/24/2013 00:00AM</td>
<td>Author Finder</td>
<td>View Results (15)</td>
</tr>
<tr>
<td>4</td>
<td>&quot;neural network&quot;: (Title/Keyword/Abstract), Limit By: Peer-Reviewed Journals or Professional Industry Journals; Context: My Consortia Journals;</td>
<td>09/24/2013 00:00AM</td>
<td>Basic Search</td>
<td>View Results (32846)</td>
</tr>
</tbody>
</table>

1. To view and save your searches, click on the **Search History Button**. To save the search history, you have to be a logged in profile user.