



**KHWAJA MOINUDDIN CHISHTI LANGUAGE UNIVERSITY
LUCKNOW, U.P., (INDIA)**

UTTAR PRADESH STATE GOVERNMENT UNIVERSITY
(RECOGNISED U/S 2(F) & 12(B) OF THE UGC ACT 1956 & B.TECH. APPROVED BY AICTE)



Welcome

Esteemed Researchers, Students, Faculties, Scholars and Library Facilitators..

“J-Gate Product Presentation & Effective Utilization”

Khwaja Moinuddin Chishti Language University- Lucknow

Mar 23rd 2022

Presenter- AJAY SAHAY

Manager-Training- North

Informatics Publishing Limited

Problem Statement

Information Overload has been an increasing problem since the Renaissance period.

In this digital age it is crucial to **validate and find relevant information** from the vast number of available sources.

Researcher!



What is important in Research?

The study of materials and sources to establish facts and reach new conclusions.

Begin
research

Identify keywords,
topics, matter

Study

Understand

Analyse

Discover

Document

Report



Too Many Things to Bother About



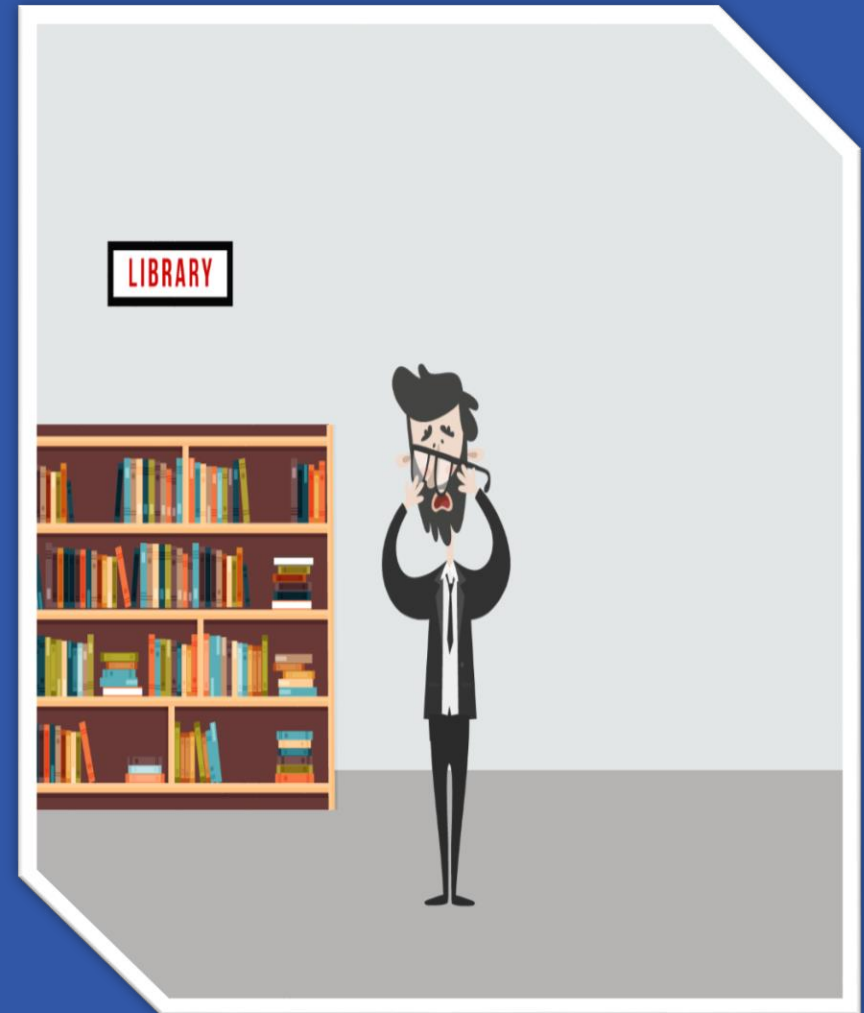
Challenges of Researchers

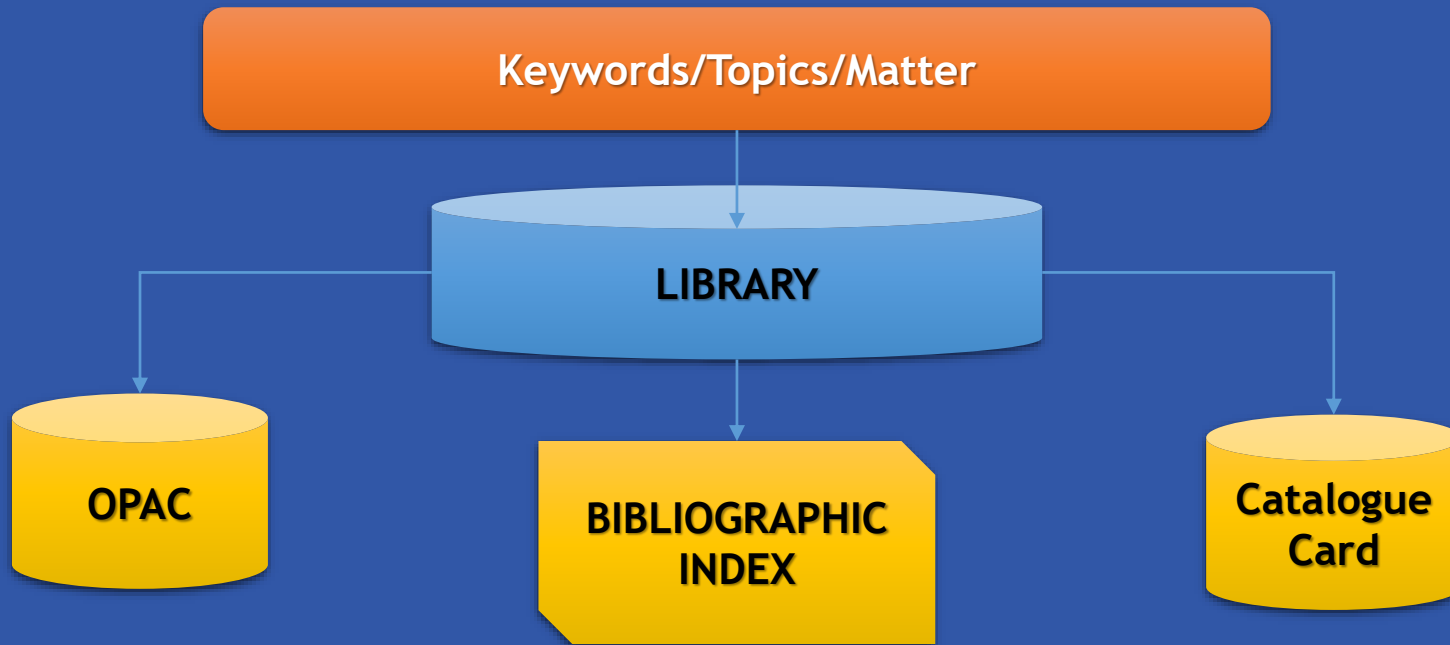
- **Where do I start my research?**
- **Where do I find a comprehensive journal database?**
- **How do I find articles from journals not subscribed?**
- **Where do I get my articles published?**



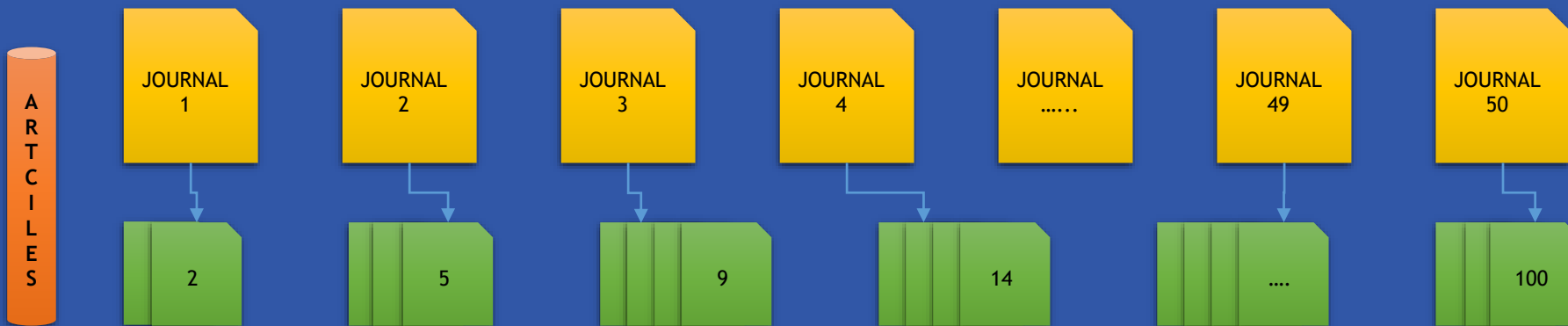
Challenges of Librarians

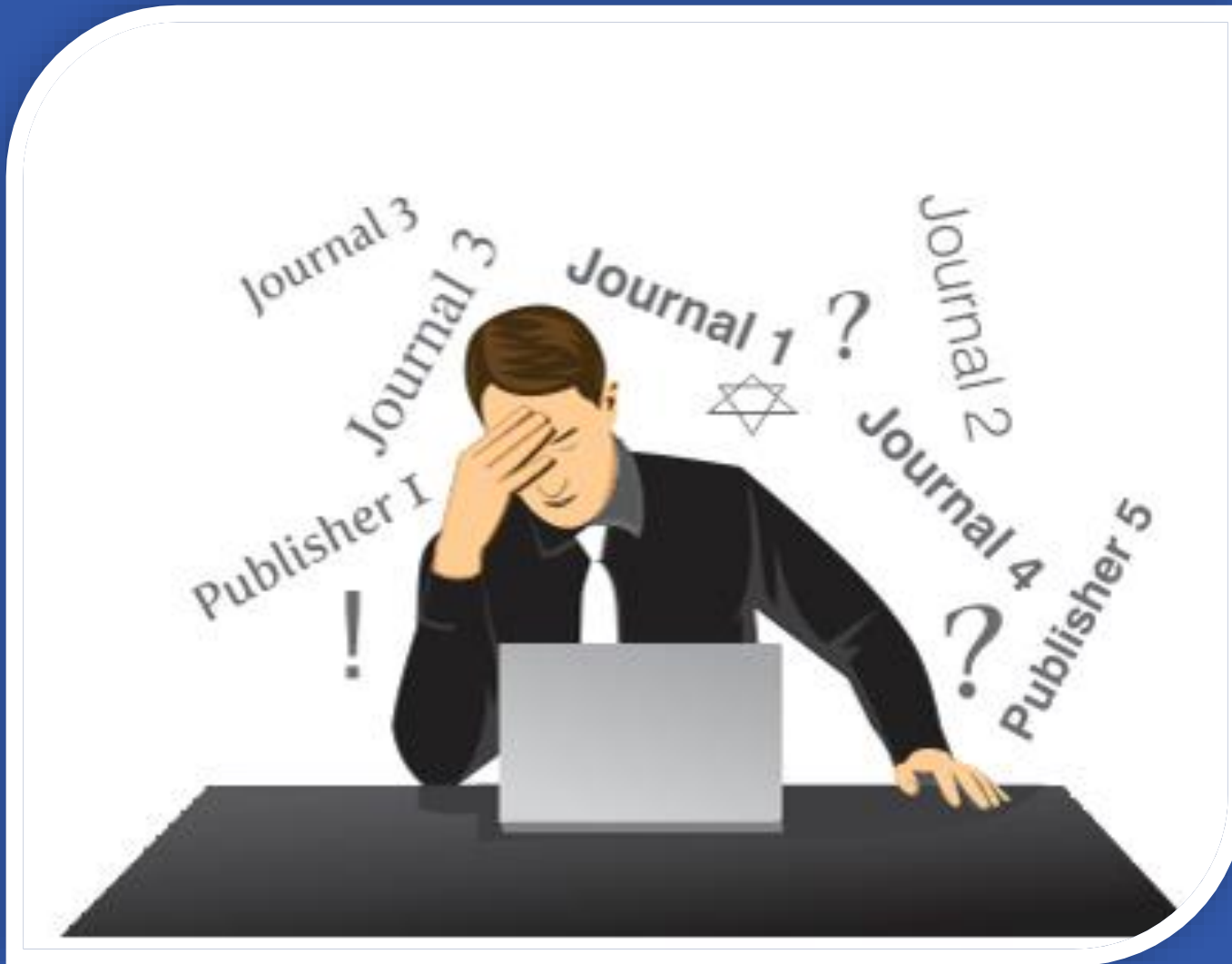
- Facilitating usage of resources.
- Finding articles from journals not subscribed by organization.
- Justifying management for budget approvals, renewal *vis-a-vis* usage.
- Managing journal subscriptions.





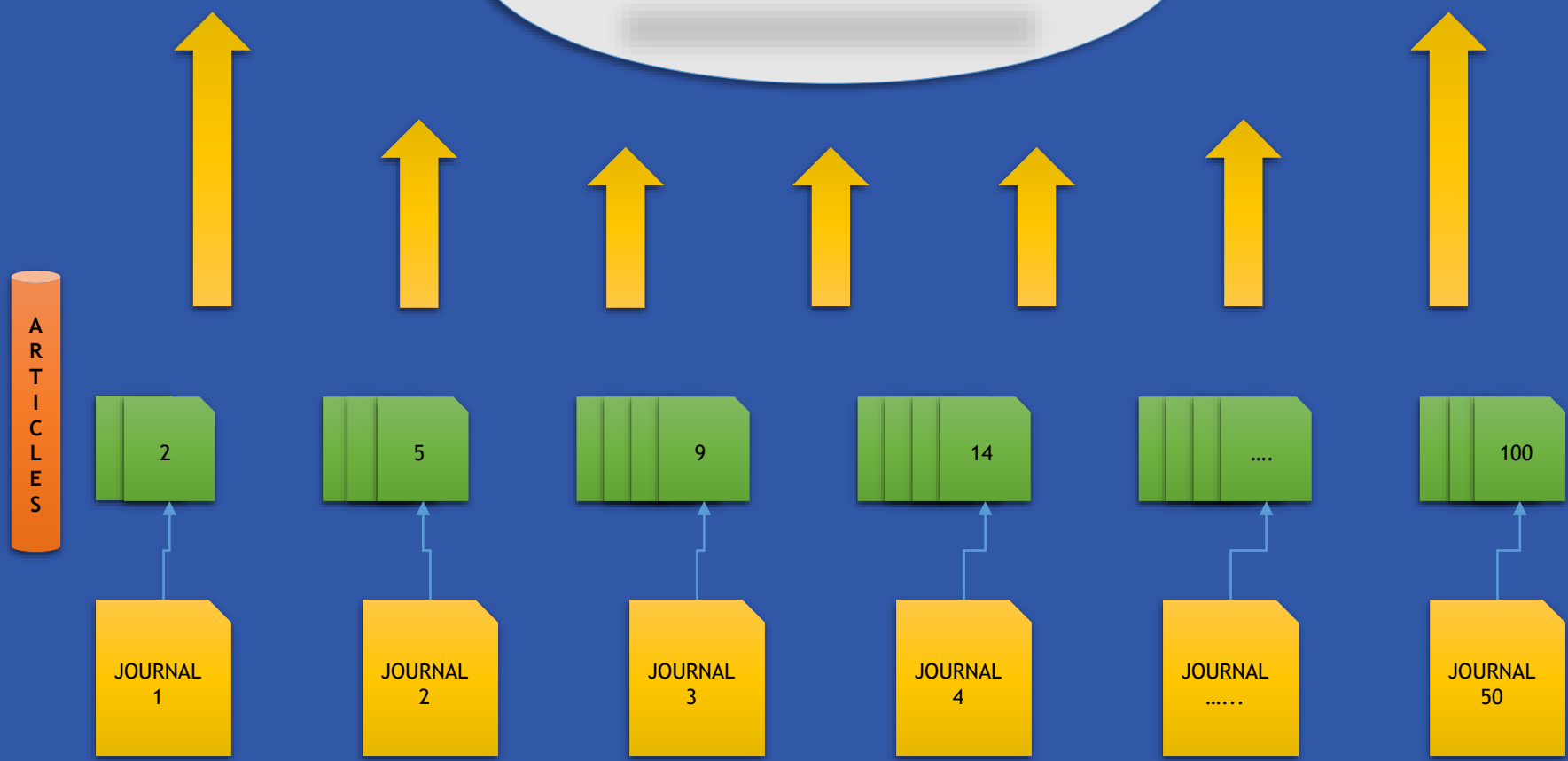
STARTING POINT OF RESEARCH IS A “BIBLIOGRAPHIC DATABASE”



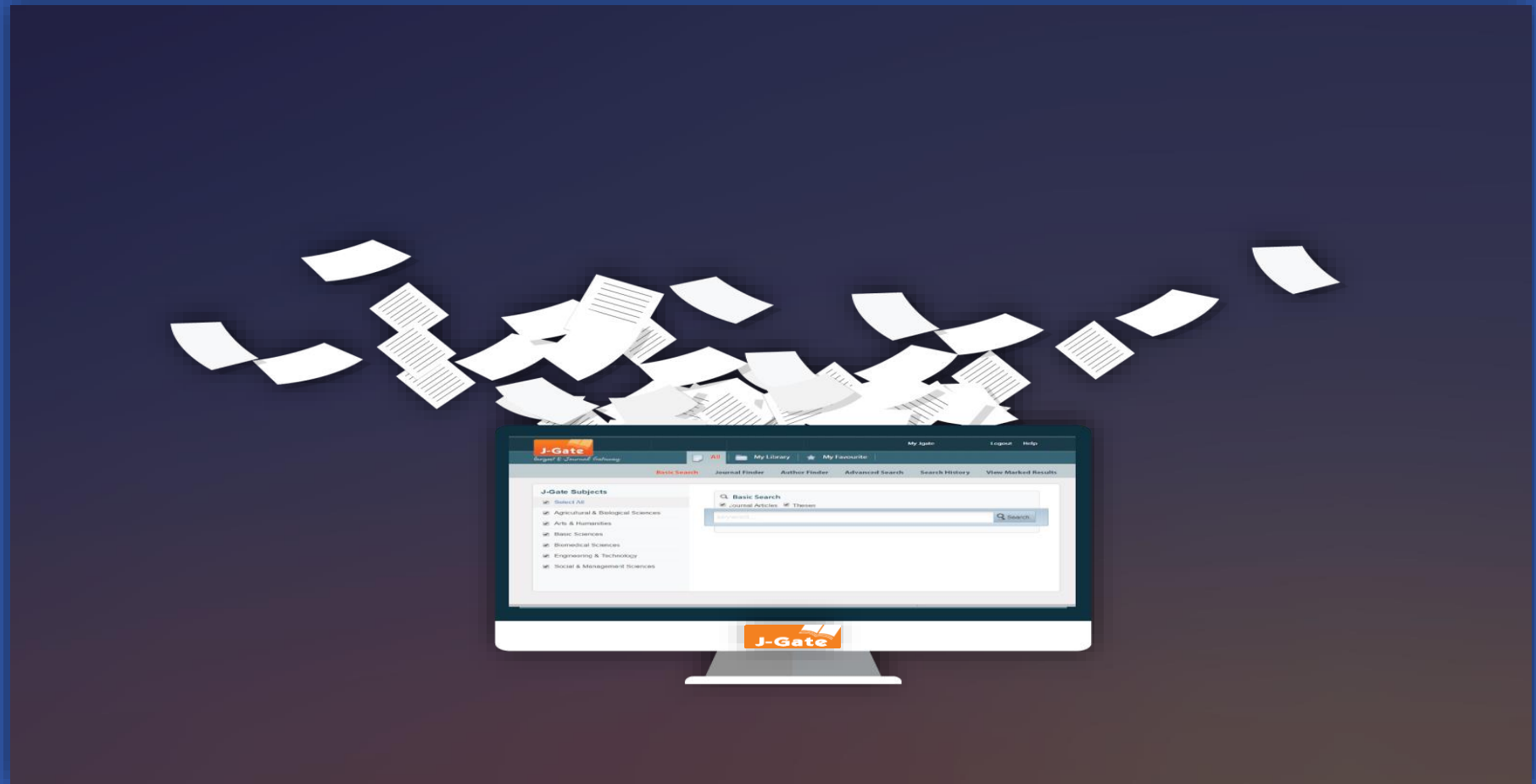


Is There a Need for Journal Discovery?





Simplify Your Research with J-Gate



J-Gate

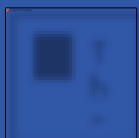
- An access gateway to discover global e-journals in a single platform.
- Launched in 2001 by Informatics, J-Gate is the world's largest database of journal articles.



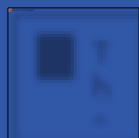
www.jgateplus.com

The screenshot displays the J-Gate Plus website interface. At the top left is the J-Gate logo. The header includes 'Informatics Publishing Ltd.' and user options 'My J-Gate', 'Logout', and 'Help'. Below the header is a navigation bar with 'All', 'My Library', and 'My Favourite'. A secondary navigation bar contains 'Basic Search', 'Browse A-Z', 'Author Finder', 'Advanced Search', 'Search History', and 'View Marked Results'. The main content area features a 'J-Gate Subjects' sidebar with a 'Select All' option and a list of subject categories: Agricultural & Biological Sciences, Arts & Humanities, Basic Sciences, Biomedical Sciences, Engineering & Technology, and Social & Management Sciences. The central search area is titled 'Basic Search' and includes a search box with the placeholder 'keyword...', a 'Search' button, and a list of search filters: All, Journal Articles, Theses, Book Series, Conference Proceeding, and Audio/Video. The footer contains the Informatics logo with the tagline 'A Passage to Knowledge', navigation links for 'About', 'FAQ', 'Admin', and 'Contact Us', a copyright notice for 2019, and browser compatibility icons for Internet Explorer 9+, Firefox 16+, and Google Chrome 22+. A 'Chat Support' button is located in the bottom right corner.

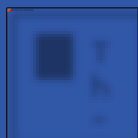
Benefits of J-Gate



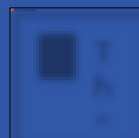
Single Point
Access



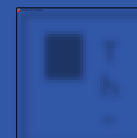
Find In a
Library



Multiple Ways to
Discover Full Text



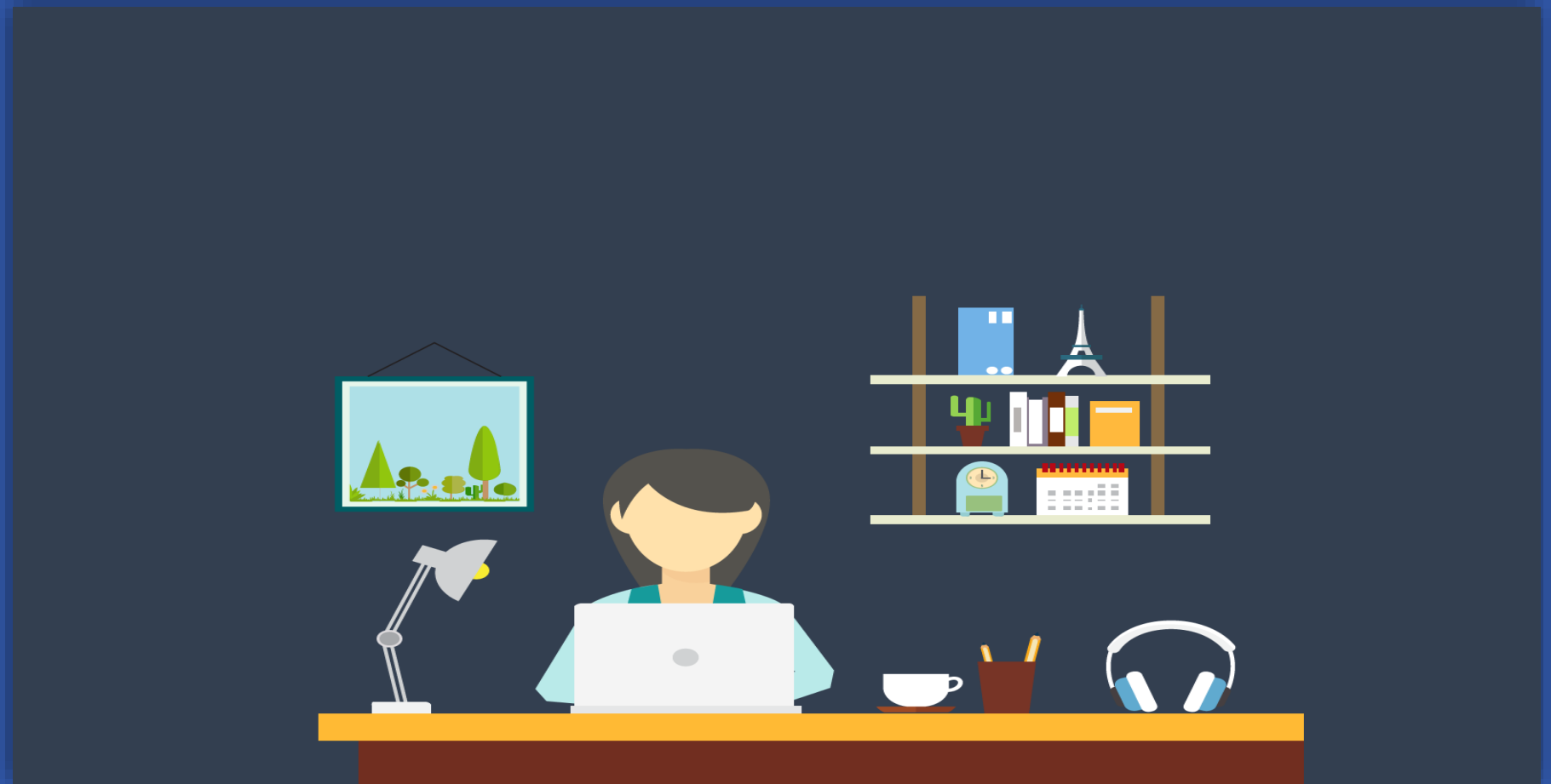
Customized Access to
Library Subscriptions



Customized Access to
Personal Library

- Technical search superiority:
 - Inclusion of singular and plural
 - UK and US variants
 - OR / or; AND/ and
- Journal ranking inclusions.
- Filter by Country of Publication.
- Identify Co-Authors.
- Hybrid journal indication.
- Journals and thesis specific discovery.
- Browse TOC.
- My Favourite Functionality.
- Largest collection of Indian Journals.
- Inclusion of Author e-mail addresses.
- Find in a library.
- Inter Library Loan.

User Module



Create Your User Profile

- Save and Retrieve **Search History**.
- **Store** your favorite articles in personalized folders.
- Receive e-mail **alerts** and/or RSS Feeds.
 - Journal alerts
 - Subject alerts
- Create your “**My Favorite**” library.
- **Share** your favorite articles with your peers.
- View the articles shared with you by your peers.
- **Off-Campus access** to J-Gate bibliographic content.

Create Your One Time User Profile Easily

BENEFITS

- ✓ Save and Retrieve Search History.
- ✓ Save / Store your favorite articles in personalized folders.
- ✓ Receive Email alerts and/or RSS Feeds.
- ✓ Create My Favorite Journals.
- ✓ Save your Favorite articles.
- ✓ Share your Favorite articles with your peers.
- ✓ View the articles shared with you.
- ✓ Access J-Gate Bibliographic Content from Anywhere.

Choose Your Own Password for Instant Access

Discover Articles for Your Research

The screenshot shows the J-Gate website interface. At the top, the header includes the J-Gate logo, the text "Prof. Jayashankar Telangana State Agricultural University", and navigation links for "My Jgate", "Logout", and "Help". Below the header, there are tabs for "All Journals", "Consortia Journals", "My Library Journals", and "My Favourite Journals". The main navigation bar includes "Basic Search" (circled in green), "Journal Finder", "Author Finder", "Advanced Search", "Search History", and "View Marked Results".

Annotations on the screenshot include:

- Filter Search Results:** An orange box pointing to the "Filter Results By" section on the left, which lists various subjects with their respective article counts.
- Refining Results:** An orange box pointing to the search term input field and the "Refine Search" button.
- Sorting Options:** An orange box pointing to the "Date" and "Relevance" sorting options.
- Lateral Searches to Perform New Searches:** An orange box pointing to the "Agricultural" text in the first search result.

The search results section shows a search term of "agriculture" with 187,056 results. The first result is "A Novel Magnetic Ion Imprinted Polymer as a Selective Magnetic Solid Phase for Separation of Trace lead(II) Ions from Agricultural Products, and Optimization Using a Box-Behnken Design".

Let's Understand Your Query

- A prominent researcher from your institution.?

????

- Key research areas followed by the researcher?

????

Access Bibliographic Information

The screenshot displays the J-Gate website interface. At the top, the logo 'J-Gate' is accompanied by the text 'largest E-Journal Gateway'. The main header includes 'Navsari Agricultural University' and navigation links for 'Hi Test', 'Logout', and 'Help'. Below this, there are tabs for 'Consortia Journals', 'My Library Journals', and 'My Favourite Journals'. A secondary navigation bar contains 'Basic Search', 'Journal Finder', 'Author Finder', 'Advanced Search', 'Search History', and 'View Marked Results'. The 'Author Finder' tab is active.

The search results are filtered by 'C J Dangaria'. The search term is 'C J Dangaria'. The results are displayed in a list format, with the first result highlighted in yellow:

- A High Yielding Downy Mildew Resistant Pearl Millet Hybrid Ghb-732 for Gujarat, India

The details for this result are as follows:

- Author:** C J Dangaria; K K Dhedhi; K L Raghavani; K D Mungra; J S Sorathia; S D Atara; B D Bunsu
- Affiliation:** Main Pearl millet Research Station, Junagadh Agricultural University, Jamnagar- 361 006
- Source:** Agricultural Science Digest ; Vol 33 No 3, 2013 ; PP: 219 - 222
- Keywords:** Pearl Millet; Ghb-732; Grain Yield; Downy Mildew Resistant
- Abstract:** GHB-732 (Gujarat Hybrid Bajra-732), a new pearl millet hybrid was developed by crossing the male sterile line ICMA 96222 and restorer line J-2340. The hybrid was evaluated at 15 and 4 locations during kharif and summer seasons, respectively, over four years in Gujarat. The average grain yield of GHB-732 was recorded 30.02 and 50.37 q/ha under kharif rainfed and summer irrigated conditions, respectively. The GHB-732 has recorded 11.50 and 51.90 per cent higher grain yield than check hybrids GHB-558 and MH-169, respectively under kharif rainfed conditions. Under summer irrigated conditions, it has registered 14.77, 18.26 and 21.88 per cent higher grain yield over the check hybrids viz., GHB-538, GHB-558 and GHB-526 in that order. The hybrid GHB-732 has got attractive seed colour, acceptable seed size, appealing ear head, mid-late maturity, high downy mildew resistance and high grain yield potential as compare to check hybrids. Hence, it was recommended for general cultivation during the kharif and summer seasons in Gujarat state.

Multiple Ways to Discover Full-Text

The screenshot shows a search results interface for the term "fertiliser industry". On the left, a "Filter Results By" sidebar includes a "Subject" section with a list of categories and their respective counts: Economics (28), Finance (25), Agronomy (24), Soil Chemistry, Microbiolog... (24), Biochemistry.(Chemistry) (23), Crops, Crop Production an... (23), Developmental Issues & S... (22), Political Science (22), Public Policy & Administration (22), and Applied Chemistry (21). A "Show more" button is located below the subject list. Other filter sections for "Authors", "Journal", and "Year" are partially visible. The main search area shows the search term "fertiliser industry" and two buttons: "Refine Search" and "New Search". Below the search term, there are two tabs: "All (203)" and "Full Text (116)". A "Change Search Settings" link is also present. The results are displayed in a table with columns for "Mark All", "Results 1-10 of 203", "Subject", "Journals", "Date", and "Relevance". The first result is "Identifying Potential Strategies in the Key Sectors of China's Food Chain to Implement Sustainable Phosphorus Management: A Review". The second result is "Mass Balance Model for Sustainable Phosphorus Recovery in a us Wastewater Treatment Plant". The author information for the second result is: "Author: Arjun K Venkatesan; AbdulHakeem M Hamdan; Vanessa M Chavez; Jasmine D Brown; Rolf U Halden". The author email is "halden@asu.edu". The affiliation is "School of Sustainable Energy and Environment, Arizona State University, 85287 G... Terrace". The source is "Journal of Environmental Quality ; Vol 45 No 1, Feb 2016; PP: 84-89". At the bottom of the result, there are icons for download, email, print, and folder, and buttons for "Abstract" and "Request Article". Three orange callout boxes are overlaid on the image: "Online Full-Text Links" pointing to the "Full Text" tab, "Available in Print" pointing to the "Request Article" button, and "Inter Library Loan Using Request Article" pointing to the "Request Article" button.

Browse A-Z to Access TOC

Prof. Jayashankar Telangana State Agricultural University My Jgate Logout Help

All Journals Consortia Journals My Library Journals My Favourite Journals

Basic Search **Journal Finder** Author Finder Advanced Search Search History View Marked Results

Browse By Category / Subjects

Filter Results By Apply Filters

Browse By Category

- Peer-Reviewed/Scholarly Journals
- Professional & Industrial Journal
- Only Indian Journals
- Open Access

Browse By Subjects

- Select All
- Agriculture Sciences
- Arts and Humanities
- Business, Economy and Manag

Browse by Title A-Z Browse by Publisher Browse by Latest updates Browse by Packages

Results Showing 1-10 of 3,960 | Starting with [] Search

Set Alert Add to Favourite FT - Full Text ; AL - Available in Library ; RA - Request Article ; FL - Find in a Library

ALL [0-9] 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

Sl. No.	Journal Title	Access Type
1	Academic Discourse	FT
2	ACADEMICIA: An International Multidisciplinary Research Journal	FT
3	Academy of Management Annals SJR:15.472 ; H Index:27	FT

Access Type	Start Date	End Date
FT	01/01/2015	31/12/2016
FT	01/12/2007	31/12/2013

Inclusion of Theses for Discovery

eShodhGanga, Krishikosh and many more

The screenshot displays the J-Gate search interface. At the top, navigation tabs include Basic Search, Browse A-Z, Author Finder, Advanced Search, Search History, and View Marked Results. The search term "zika virus" is entered in the search box, with buttons for Refine Search, New Search, and Change Search Settings. Below the search box, filters for "All (319)" and "Full Text (107)" are visible, along with a "Mark All" button and "Results 1-10 of 319". A pie chart labeled "Subject" is also present. The main results list shows a search for "Zika Virus Infection: New Emerging Infection and Public Health Implication" by Viroj Wiwanitkit, with details on affiliation, source, publisher, DOI, and publication type. A red circle highlights the "Theses" option in the "Select Publication Type" filter, which shows 65 results. Other filters include "Filter Results By" with a "Subject" dropdown and a list of subjects like Diseases (57), Clinical Medicine (34), etc. The footer contains the Informatics logo, navigation links (About, FAQ, Admin, Contact Us, Newsletter), copyright information (© 2016 Informatics India Ltd.), and browser compatibility icons for Internet Explorer 9+, Firefox 16+, and Google Chrome 22+.

Author Finder

Read Articles of Your Favourite Author

Discover Co-Authors

The screenshot displays the 'Author Finder' section of the J-Gate portal. The search term 'C J Dangaria' is entered, and the results are filtered to 'All (12)' items. On the left, a sidebar lists co-authors such as K K Dhedhi (7), A G Pansuriya (2), B K Davda (2), H J Joshi (2), J J Savaliya (2), J M Chotaliya (2), Y H Ghelani (2), A K Joshi (1), A K Singh (1), and A S Rao (1). The main content area shows a search result for 'A High Yielding Downy Mildew Resistant Pearl Millet Hybrid Ghb-732 for Gujarat, India'. The author list includes C J Dangaria, K K Dhedhi, K L Raghavani, K D Mungra, J S Sorathia, S D Atara, and B D Bunsu. The affiliation is 'Main Pearl millet Research Station, Junagadh Agricultural University, Jamnagar- 361 006'. The source is 'Agricultural Science Digest ; Vol 33 No 3, 2013 ; PP: 219 - 222'. The keywords are 'Pearl Millet; Ghb-732; Grain Yield; Downy Mildew Resistant'. The abstract describes the development and evaluation of the GHB-732 hybrid.

Discover Authors related to the research field of the known authors

Advanced Search

Advanced Searches For Complex Search Query

The screenshot shows the J-Gate website interface for Navsari Agricultural University. The top navigation bar includes the J-Gate logo, university name, and user options like 'Hi Test', 'Logout', and 'Help'. Below this is a secondary navigation bar with 'Consortia Journals', 'My Library Journals', and 'My Favourite Journals'. The main search area has tabs for 'Basic Search', 'Journal Finder', 'Author Finder', 'Advanced Search' (which is active), 'Search History', and 'View Marked Results'. On the left, there is a sidebar with a 'Select All' checkbox and a list of subject categories, all of which are checked. The main search area contains two input fields, a dropdown menu set to 'AND', and a field dropdown menu that is open, showing options like 'All', 'Title', 'Keyword Only', etc. Below the search fields are 'Search' and 'Clear' buttons. Further down, there are sections for 'Limit Results By' with 'Publication Year' (set to 'All' to 'All') and 'Journal Category' (with 'Peer-Reviewed/Scholarly Journals' and 'Professional & Industry' checked). At the bottom, there is a 'Journal Title' section with a 'Pick from Journal List' button. Several orange callout boxes are overlaid on the image, pointing to specific features: 'Use Boolean Operators to Construct Search Query' points to the 'AND' dropdown; 'Field Directed Search' points to the field dropdown menu; 'Singular Plural Searches' and 'Search US/UK Variants' point to the 'Publication Year' dropdowns; and 'Pre Search Limits for Better Relevancy' points to the 'Journal Category' checkboxes.

Use Boolean Operators to Construct Search Query

Field Directed Search












Singular Plural Searches

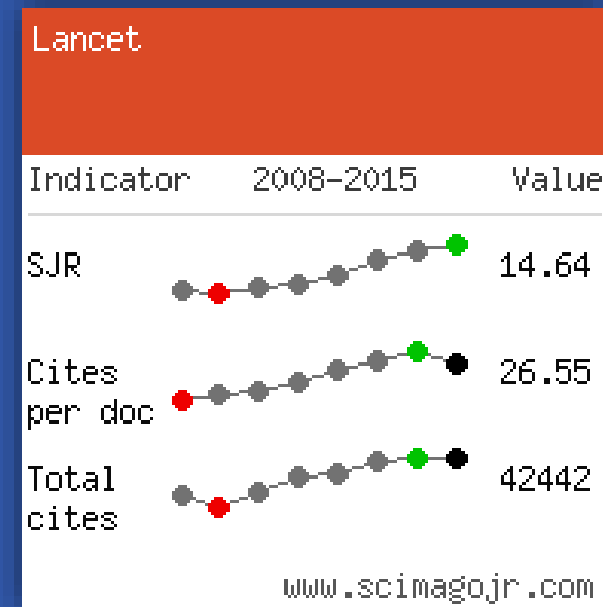
Search US/UK Variants

Pre Search Limits for Better Relevancy

Indication of Journal Rankings

Scimago Journal Ranking (SJR), H-Index and NAAS Rating

10	 Acta Adriatica SJR:0.339 ; H Index:14	★	FT
11	 Acta Agriculturae Scandinavica, Section A: Animal Science SJR:0.545 ; H Index:29 ; NAAS:6.77	★	FT
12	 Acta Agriculturae Scandinavica, Section B: Plant Soil Science SJR:0.345 ; H Index:25 ; NAAS:6.65	★	FT
13	 Acta Agronomica Sinica	★	FT
14	 Acta Amazonica SJR:0.32 ; H Index:18	★	FT
15	 Acta Biochimica et Biophysica Sinica SJR:0.881 ; H Index:38 ; NAAS:8.12	★	FT
16	 Acta Biomaterialia SJR:2.02 ; H Index:104 ; NAAS:12.01	★	FT
17	 Acta Biotheoretica SJR:0.419 ; H Index:25	★	RA
18	 Acta Borealia SJR:0.134 ; H Index:5	★	FT
19	 Acta Botanica Gallica SJR:0.271 ; H Index:15 ; NAAS:6.78	★	RA
20	 Acta Botany Brasílica SJR:0.364 ; H Index:23 ; NAAS:6.58	★	FT



Filter or Sort by Journal Ranking

SJR, H-Index, NAAS Rating

Basic Search **Journal Finder** Author Finder Advanced Search Search History View Marked Results

Filter Results By

Browse By Category

- Peer-Reviewed/Scholarly Journals
- Professional & Industrial Journal
- Only Indian Journals
- Open Access

Browse By Journal Ranking

- SJR
- H-Index
- NAAS

Browse By Subjects

- Select All
- + Agriculture Sciences
- + Arts and Humanities

Browse by Title A-Z | Browse by Publisher | Browse by Latest updates

Results Showing 1-10 of 2,180 | Starting with

ALL [0-9] 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

Sl. No.	Journal Title	Sort by	Journal Ranking	Country
1	AATCC Review SJR:0.113 ; H Index:25.0 ; NAAS:6.24	Journal Ranking	<input type="button" value="Journal Ranking"/> SJR H-Index NAAS	<input type="button" value="Star"/> US
2	Accreditation and Quality Assurance SJR:0.304 ; H Index:32.0 ; NAAS:7.91		<input type="button" value="Star"/> DE	
3	ACS Applied Materials and Interfaces SJR:2.524 ; H Index:124.0 ; NAAS:13.15		<input type="button" value="Star"/> US	
4	ACS Chemical Biology SJR:2.567 ; H Index:78.0 ; NAAS:11.09		<input type="button" value="Star"/> US	
5	ACS Combinatorial Science		<input type="button" value="Star"/> US	

Filter by Country of Publication

Basic Search Journal Finder Author Finder Advanced Search Search History View Marked Results

Select Publication Type

- + All

Filter Results By

- + Subject
- + Authors
- + Journal
- + Journal Ranking
- + Year
- Country Of Publication**

Search Term "parasitic plants" "parasitic plants" Refine Search New Search

All (1284) Full Text (441) Sort by Journal Ranking Change Search Settings

Mark All Results 1-10 of 1,284 Subject Journals Date Relevance

- Fusarium Infection Causes Phenolic Accumulations and Hormonal Disorders in Orobanche Spp.
- Parasitic Plants** Rely on Unusual Method to Spread their Seeds
- Effects of Wheat-Canola Intercropping on *Phelipanche aegyptiaca* Parasitism
- Transcriptome Analysis of *Phelipanche aegyptiaca* Seed Germination Mechanisms Stimulated by Fluridone, TIS108, and GR24
- Slavery in Plants: How the Facultative Hemi-**Parasitic Plant** *Rhamphicarpa fistulosa* can completely Dominate its Host
- Dissecting the Contributions of Dispersal and Host Properties to the Local Abundance of a Tropical Mistletoe

<input type="checkbox"/> United States	(473)
<input type="checkbox"/> United Kingdom	(216)
<input type="checkbox"/> Germany	(192)
<input type="checkbox"/> Netherlands	(155)
<input type="checkbox"/> India	(56)
<input type="checkbox"/> Canada	(18)

Inclusion of Citation Formats

The screenshot shows a library website interface. At the top, it says "Consortium for e-Resources in Agriculture" and "Tamil Nadu Veterinary & Animal Sciences University". A "J-Gate" logo is visible. A modal window titled "Cite this Item/Article" is open, displaying citation formats for an article. The article title is "Effect of Extrusion Pretreatment on the Physical and Chemical Properties of Broad Bean and its Relationship to Koji Preparation". The citation formats shown are APA, Chicago, Harvard, and MLA. Each format includes a "Copy" button. The background shows a search results page with filters and search options.

Consortium for e-Resources in Agriculture
Tamil Nadu Veterinary & Animal Sciences University
J-Gate
My J-Gate Logout Help
Consortia My Library My Favourite
Search History View Marked Results
Refine Search New Search
Change Search Settings
Date Relevance Ranking
Properties of Broad Bean and its
u Jin
ty: Physicochemical Properties
ste koji made from extruded and traditional
steam-cooked raw materials were investigated by scanning electron micrographs (SEM), confocal
laser scanning micrographs (CLSM), circular dichroism (CD) and Molecular weight (M_w)

Cite this Item/Article

APA:
Li, Y., Jiao, A., Li, J., Xu, E., & Jin, Z. 2019. Effect of Extrusion Pretreatment on the Physical and Chemical Properties of Broad Bean and its Relationship to Koji Preparation. *Food Chemistry*, 286
Copy

Chicago:
Li, Yan, Aiquan Jiao, Jingpeng Li, Enbo Xu, and Zhengyu Jin, "Effect of Extrusion Pretreatment on the Physical and Chemical Properties of Broad Bean and its Relationship to Koji Preparation" *Food Chemistry* 286(2019)
Copy

Harvard:
Li, Y., Jiao, A., Li, J., Xu, E. and Jin, Z. ,2019. Effect of Extrusion Pretreatment on the Physical and Chemical Properties of Broad Bean and its Relationship to Koji Preparation. *Food Chemistry*, 286
Copy

MLA:
Li, Yan, et al."Effect of Extrusion Pretreatment on the Physical and

Offline

Indication of Hybrid Open Access

Basic Search **Journal Finder** Author Finder Advanced Search Search History View Marked Results

Filter Results By [Apply Filters](#)

Browse By Category

- Peer-Reviewed/Scholarly Journals
- Professional & Industrial Journal
- Hybrid Open Access Journals
- Open Access Journals

Browse By Journal Ranking

- SJR
- H-Index
- NAAS

Browse By Subjects

- [Select All](#)
- Agriculture Sciences

[Browse by Title A-Z](#) [Browse by Publisher](#) [Browse by Latest updates](#)

Results Showing 1-10 of 48,275 | Starting with [Search](#)

[Set Alert](#) [Add to Favourite](#)













ALL [0-9] 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

Sl. No.	Journal Title	Sort by	Journal Ranking	Country
1	12 Region Medical Journal			TH
2	14th Century English Mystics Newsletter			US
3	1611: A Journal of Translation History			ES
4	19: Interdisciplinary Studies in the Long Nineteenth Century			GB
5	19th-Century Music SJR:0.151 ; H Index:13.0			US
6	20/20			US

Combined Search from History

Basic Search Journal Finder Author Finder Advanced Search **Search History** View Marked Results

Current Search Saved Search **AND Search** OR Search

Set. No.	Search Terms	Date/Time	Search Type	Actions
<input checked="" type="checkbox"/> S4	haustoria [Title/Keyword/Abstract]; Limit By: Peer-Reviewed Journals or Professional Industry Journals; Publication Type: Journal,Theses ;	11/29/2017 06:58 AM GMT	Basic	View Results (1008)   
<input checked="" type="checkbox"/> S3	"parasitic plants" [Title/Keyword/Abstract]; Limit By: Peer-Reviewed Journals or Professional Industry Journals; Publication Type: Journal,Theses ;	11/29/2017 06:53 AM GMT	Basic	View Results (1284)   
<input type="checkbox"/> S2	trends and challenges in agriculture extension [Title/Keyword/Abstract]; Limit By: Peer-Reviewed Journals or Professional Industry Journals; Publication Type: Journal,Theses ;	11/29/2017 06:48 AM GMT	Basic	View Results (120)   
<input type="checkbox"/> S1	"agricultural biodiversity" [Title/Keyword/Abstract]; Limit By: Peer-Reviewed Journals or Professional Industry Journals; Publication Type: Journal,Theses ;	11/29/2017 06:25 AM GMT	Basic	View Results (319)   

Constructing a Query for Results

A student/faculty comes comes up with a topic
“Role of Fertilizer in Growth of Crops”

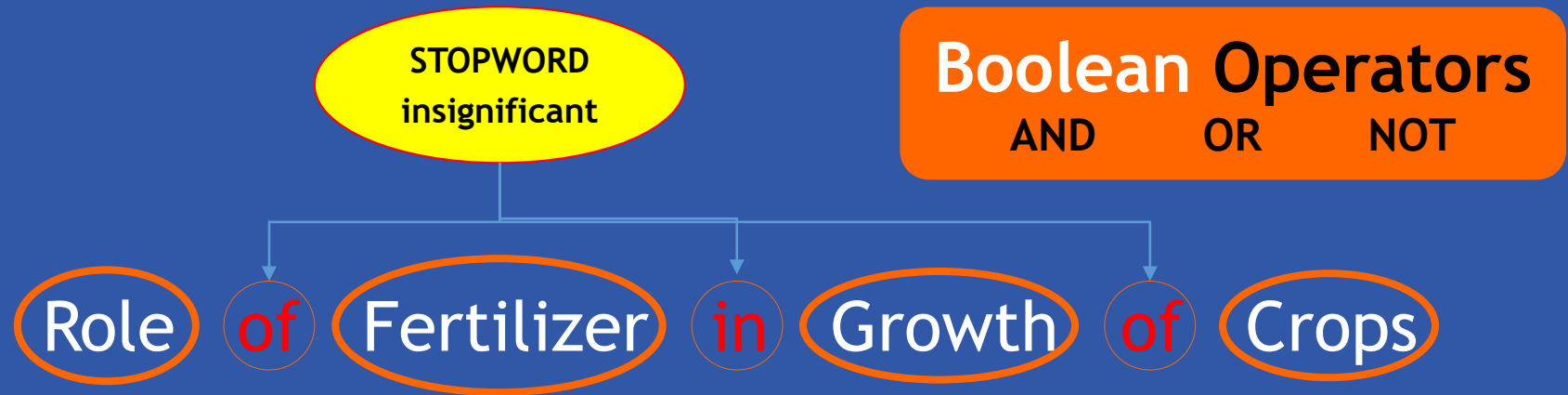


How does a researcher find relevant articles ?

Does a keyword search help a researcher?

Building the Search Keyword

Think of keywords that best describe the topic



- (role) and (fertilizer) and (growth) and (yield) and (quality) and (crops or fruits) : **66**
- (role) and (pgr or fertilizer) and (growth) and (yield) and (quality) and (crops or fruits) : **279**
- (role or effect) and (foliar or pgr or "plant growth regulator" or fertiliser or fertilizer) and (growth or development) and (yield) and (quality) and (plants or crops or fruits): **2094**

User Personalization in J-Gate

Create and Manage **Email & RSS Alerts** for latest Journal Table of Content

Click to Set Email / RSS Alert

Journal Name : 14th Century English Mystics Newsletter

Email Alert

RSS Alert

Save Cancel

Si. No.	Journal Title	Alerts
1	14th Century English Mystics Newsletter	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
2	14th-Century Music	<input type="checkbox"/> <input type="checkbox"/>

User Personalization in J-Gate

Mark *Favourite Journals* from the Journal Finder page

The screenshot displays the J-Gate Journal Finder interface. At the top, navigation tabs include Basic Search, Journal Finder (active), Author Finder, Advanced Search, Search History, and View Marked Results. On the left, there are filter sections: 'Filter Results By' with an 'Apply Filters' button, 'Browse By Category' with checkboxes for Peer-Reviewed/Scholarly Journals, Professional & Industrial Journal, Only Indian Journals, and Open Access; and 'Browse By Subjects' with a 'Select All' checkbox and a list of subjects including Agriculture Sciences, Arts and Humanities, Business, Economy and Mana..., and Chemistry. The main content area shows search options: 'Browse by Title A-Z' (selected), 'Browse by Publisher', 'Browse by Latest updates', and 'Browse by Packages'. Below these are search parameters: 'Results Showing 1-10 of 23,882', a 'Starting with' dropdown, and a 'Search' button. A legend defines access types: FT - Full Text; AL - Available in Library; RA - Request Article; FL - Find in a Library. A note indicates that some results are listed in Jeffrey Beall's Scholarly Open Access Website. A navigation bar shows 'ALL [0-9]' and letters A through Z. The journal list table has columns for 'Sl. No.', 'Journal Title', and 'Access Type'. The first row is '14th Century English Mystics Newsletter' with an FT access type and a yellow star icon. The second row is '19th-Century Mu...' with an FT/RA/FL access type and a grey star icon. The third row is '20/20' with an FT access type and a yellow star icon. The fourth row is '291' with an FT access type and a blue star icon. An orange callout box with the text 'Click to Mark Favorite' and an arrow points to the grey star icon in the second row.

Sl. No.	Journal Title	Access Type
1	14th Century English Mystics Newsletter	FT
2	19th-Century Mu...	FT/RA/FL
3	20/20	FT
4	291	FT

User Personalization in J-Gate

Save / S

Full access

The screenshot displays the J-Gate interface with a search result for 'MRI and Retinal Abnormalities in Multiple Sclerosis'. A 'Folders' dialog box is open, showing options to 'Create Folder' and 'Select Folder'. The search result details include:

- Author:** Tetsuya Chikami; Douglas Kazuo Sato; Tomo Nakashima; Takayuki Takeshita; Tomohyuki Takahashi; Hiroshi Doi; Kazuhiro Kurosawa; Kimihiko Kaneko; Hiroshi Kuroda; Shunji Matsuyama; Takao Mizuno; Tomo Nakagawa; Kazuo Fujihara; Masashi Aoki
- Author Email:** douglas.sato@med.tohoku.ac.jp
- Affiliation:** Department of Multiple Sclerosis Therapeutics, Tohoku University Graduate School of Medicine, 1-1 Seiryomachi Aoba-ku, Sendai, Miyagi 980-8574, Japan
- Source:** Journal of Neurology, Neurosurgery and Psychiatry ; Vol 87 No 4, Apr 2016; PP: 446-448

At the bottom of the search result, there is an 'ADD TO FOLDER' button and a 'Full Text' button with a red padlock icon.

User Personalization in J-Gate

The screenshot displays the J-Gate user interface. On the left, a 'Personalisation' sidebar is highlighted with a green rounded rectangle. It contains several menu items: '+ My Favourite Journals & Alerts', '+ Search History / Subject Alerts', '- My Saved Folders', 'All Saved Articles (20)', 'microbial deco... (10)', 'Optical (20)', 'Shared With Me NEW', and '+ My Profile'. The 'All Saved Articles (20)' item is circled in yellow. The main content area is titled 'All Saved Articles' and shows 'Results Showing 1 - 10 of 20 Unique articles'. It includes a search bar with the placeholder 'Keyword...' and a 'Search' button. Below this is a table of articles with the following titles: 'A miniDOAS Instrument Optimised for Ammonia Field Measurements', 'Aflatoxin M1: Prevalence and Decontamination Strategies in Milk and Milk Products', 'Cytotoxic and Mutagenic Potential of Solutions Exposed To Cold Atmospheric Plasma', 'Development of an Eco-Protocol for Seaweed Chlorophylls Extraction and Possible Applications in Dye Sensitized Solar Cells', 'Effects of Combined Organic Acid Treatments during the Cutting Process On the Natural Microflora and Quality of Chicken Drumsticks', and 'Effects of Gamma Irradiation On Cytotoxicity and Phenolic Compounds of Thymus Vulgaris L. and Mentha x piperita, L.'

HOW TO ACCESS YOUR SAVED FOLDERS AND ARTICLES.

User Personalization in J-Gate

The image shows a screenshot of the J-Gate website interface. The main header includes the J-Gate logo and the text "largest E-Journal Gateway". The user's name "Raman" is visible in the top right. A "Personalisation" sidebar on the left lists options like "My Favourite Journals & Alerts", "Search History / Subject Alerts", and "My Saved Folders". Under "My Saved Folders", there are folders for "electron (11)", "Pollution (1)", and "IT (2)". A green circle highlights a folder icon in this list. An orange callout box with the text "Click here to Manage Folder" has arrows pointing to this icon. A "Personalisation" dialog box is open in the center, showing a list of folders under "Shared With Me (8)", including "check (2)" and "testnow (6)". A green circle highlights this dialog box. A yellow arrow points from the "Personalisation" sidebar to the dialog box. An orange banner at the bottom contains the text "Share your personalized folders with fellow researchers / peers for collaboration."

Share your personalized folders with fellow researchers / peers for collaboration.

User Personalization in J-Gate

Download / e-Mail / Print article references, directly from the search results.

The screenshot displays the J-Gate search interface. At the top, navigation tabs include Basic Search, Journal Finder, Author Finder, Advanced Search, Search History, and View Marked Results. The search term "voip" is entered in the search box, with "voip" also appearing in a separate input field. Below the search box, there are buttons for "Refine Search" and "New Search", and a link for "Change Search Settings".

On the left side, there is a "Filter Results By" section with a "Subject" filter expanded. It lists various subjects with their respective counts: Computer Science (Hardwa... (1333), Communication Networks ... (959), Wireless Communications (923), Information Science and S... (850), Electronics (630), Business Management (384), Internet (374), General and Others.(Busin... (339), Marketing and Sales (339), and Electrical Engineering (271). A "Show more" button is located at the bottom of this list.

The main search results area shows "All (4296)" and "Full Text (2930)" options. Below this, there are buttons for "Mark All" and "Results 1-10 of 4,296". There are also buttons for "Subject" and "Journals", and a "Date Relevance" button. The search results list includes two entries: "VOIP: Shouting to be Heard" and "VoIP: The components".

Below the search results, there is a section for "Author: Ashish Sharma", "Author Email: ashishs@cmil.com", "Affiliation: mailto:ashishs@cmil.com", and "Source: PC Quest ; Apr2001; PP:". The "Keywords: voip, components;" section is highlighted with a yellow box. Below the keywords, there are four icons: a download icon, an email icon, a print icon, and a folder icon, all of which are also highlighted with a yellow box. A "Full Text" button with a lock icon is located at the bottom right of the search results area.

User Personalization in J-Gate

J-Gate largest E-Journal Gateway

North Eastern Hill University

Hi test Logout Help

All Journals Consortia Journals My Library Journals My Favourite Journals

Basic Search Journal Finder Author Finder Advanced Search Search History View Marked Results

Create / Manage Alerts













Search Term : "voip" [Title/Keyword/Abstract]; Limit By: Peer-Reviewed Journals or Professional Industry Journals;

Alert Topic * VoIP

Alert Type *

Email RSS

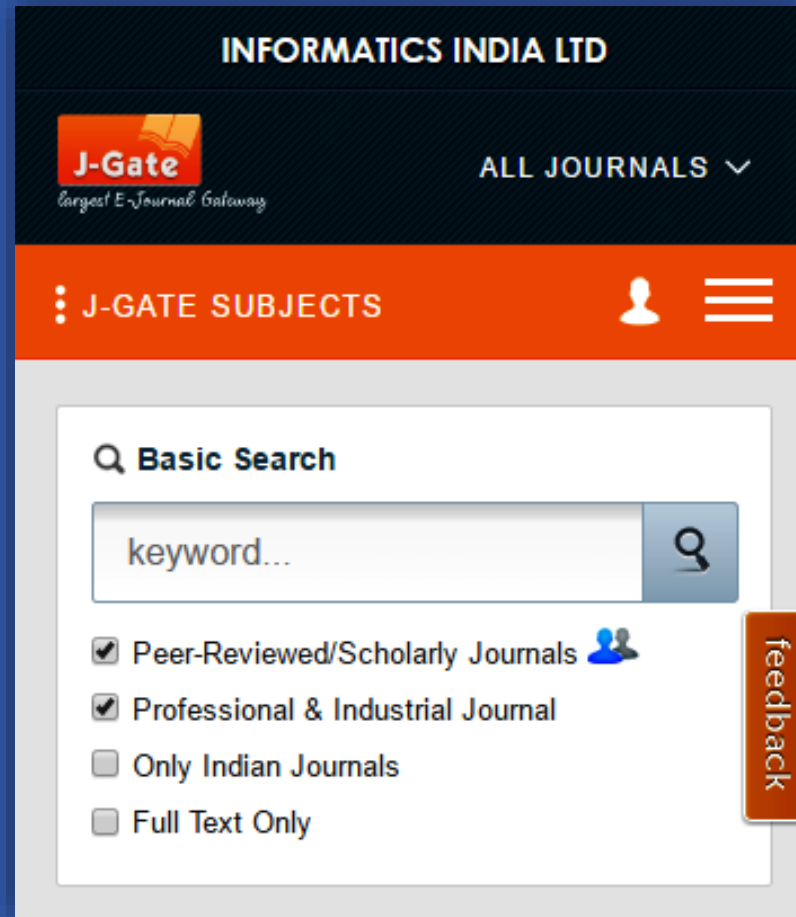
Save Cancel

Set. No.	Search Terms	Actions
S10	"voip" [Title/Keyword/Abstract]; Limit By: Professional Industry Journals;	View Results (4296)   
S9	"voip" [Title/Keyword/Abstract] AND Limit By: Peer-Reviewed Journals or Pro	View Results (4296)   
S8	"voip" [Title/Keyword/Abstract]; Limit By: Peer-reviewed Journals or Professional Industry Journals;	View Results (2930)   
S7	"voip" [Title/Keyword/Abstract]; Limit By: Peer-Reviewed Journals or Professional Industry Journals;	View Results (2930)   

Access J-Gate on the go!

Web and Device based Responsive Compatibility

Web Based App



DRM: Watermarked document via DDR.

ing the oil spill accidents. Several ports in Italy (Venezia, Trieste), Croatia (Rijeka, Omisalj, Ploče), Slovenia (Koper), Montenegro (Bar) and Albania (Vlorë) serve as terminals for tankers, where from oil is transported to other countries. The Joint Research Centre (JRC, 2006) study as the first oil slicks monitoring project (FERRARO *et al.*, 2007; JRC, 2006; FERRARO *et al.*, 2009) provided statistics of oil discharges in the Adriatic Sea, reporting increasing frequency of ship-made oil slicks. A number of projects like RAMSES, AESOP, GAIANET, VASCO, CLEOPATRA and JRC studies (<http://ec.europa.eu/dgs/jrc>) also demonstrated constant violation of International Convention for the Prevention of Pollution from Ships – MARPOL 73/78 (MARPOL, 2009).

With so far unknown quantities, these evidences point that there is a constant input of oil and oily products to the sea, on a daily basis, which in the long run could have unforeseen consequences to the marine ecosystem (CORNER *et al.*, 1976) even through the marine food web (ORTMANN, 2012). Impact to marine species including plankton, fish, fish eggs and larvae, seabirds, molluscs, crustaceans, sea turtles, and marine mammals could be very different. Some products enter the species and can be metabolized with unknown further fate, from lethal like cancer of liver and lungs in sea mammals to instantaneous death. In case of British Petroleum disaster the spill waters had 40 times more Polycyclic aromatic hydrocarbons (PAHs) than before the spill, containing carcinogens and chemicals that pose various health risks to humans and all marine life (SCHNEIDER, 2010).

To obtain a proper assessment on the frequency, size, type and causes of oil slicks in the Adriatic Sea, the use of satellite remote sensing data, particularly synthetic aperture radar (SAR) images together with data of the Ship Automatic Identification systems (AIS) would be indispensable. In MOROVIĆ *et al.*, 2011, the needs and possibilities of such oil spill monitoring in the Adriatic Croatian waters were proposed and demonstrated. Our intention in this paper is to give an overview of the last years of larger oil spills through analysis the SAR images acquired

over the Adriatic Sea by the European Envisat and the Canadian RadarSat-1 satellites, and to attempt to understand their sources and nature.

MATERIAL AND METHODS

It is possible to recognize the oil slicks on SAR images as a dark patches, because these locally decrease the sea surface roughness, which contrasts with the brightness of the surrounding sea, and, in turn, the radar backscatter of the sea surface, practically under all weather and is eventually limited by the wind conditions (BREKKE & SOLBERG, 2005). However, automatic detection is hardly possible, and the complex nature of slicks requires experienced operator (TOPOUZELIS 2007; TOPOUZELIS 2008).

First task of an operator is to distinguish oil slicks from look-alikes. Additional information like the shape of slicks, location relative to the shore, borders of national and territorial waters, location of oil production infrastructure, ships, wind and wind history data may help distinguishing the nature of slicks (ESPEDAL & JOHANNESSEN, 2009).

Considering all these, oil slicks detected in the open sea can be classified to three main categories: natural biogenic oil films, ship-made oil spills and natural seepage slicks (IVANOV, 2011).

Natural biogenic oil films are products of marine flora and fauna, and they appear as filaments, very thin 2-3 nm dark colorless strips. These are found especially in coastal waters and can be visible in calm wind conditions (2-4 m/s).

Ship-made oil spills form films of thin to moderate thickness and are mainly linear shapes. They may occur everywhere but prevail along the ship lanes. They could be produced accidentally or deliberately during routine ship operations, and could contain ballast, tank washing, engine room, sludge and foul bilge waters or different waste waters which all can contain mixtures of oily and chemical products, emulsifiers, residuals of fuel and lubrications, industrial, biogenic or crude mineral oils, and even vegetable oils and animal fat (fish oil).

Seepage films have approximate thickness between 0.04×10^{-6} and 5×10^{-6} mm because

If cancer initiation is governed by chance mutations, then the incidence of cancer within an animal species should correspond with the total number of cell divisions in its lifetime, which is the product of its total number of cells, the rate of cell division required for homeostasis and its typical longevity. In short, larger animals with more cells, or larger lived animals with more lifetime cell divisions should have higher cancer incidences. This expectation is supported by observations that within human organs, the risk of cancer is directly related to the lifetime number of stem cell divisions [2] as well as the tissue type [3]. However, observations seem contrary to this expectation. Larger animals do not seem to die from cancer more often than smaller organisms. This is Peto's paradox [4].

It is widely assumed that Peto's paradox arises from quantitative and qualitative differences in the cancer-suppression adaptations between animals [5]. Clearly, death from cancer can be a potentially strong selection force in multicellular organisms. In fact, cancer-suppression adaptations and genes appear to have arisen rapidly within the earliest metazoans. Some oncogenes were present even in the Early Cambrian [6].

However, it is likely Peto's paradox has a number of facets beyond body size and longevity. If cancer suppression were cost-free, one would expect all organisms, big or small, short- or long-lived, to have the same suite of nearly flawless anti-cancer adaptations. As this does not seem to be the case, it is likely that, similarly to most survival enhancing adaptations, cancer suppression must come with a metabolic or efficiency cost, albeit a cost that should be minimized by natural selection. Thus, we expect these must be trade-offs between the degree of cancer-suppression adaptations and other aspects of whole-organism survival and fecundity.

Here, we use the Euler-Lotka equation from population ecology to model an organism's fitness and to develop the model into an evolutionary model of cancer suppression. We assume that cancer suppression can be approximated as a quantitative trait. This trait trades off the likelihood of age-specific mortality from cancer with age-specific fecundity—the greater the value of this trait, the lower the likelihood of dying from cancer, and the lower the animal's fecundity [7]. This contrasts somewhat with other models of life-history evolution where increased mortality from parasites, or (insect) predators for earlier maturation at the expense of fecundity [8]. By coining cancer suppression in the context of life-history evolution, we can reveal additional and potentially testable facets of Peto's paradox.

This allows us to address conventional questions that straightforwardly emerge from Peto's paradox such as: does the magnitude of cancer-suppression adaptations increase with the size of the organism, the organism's lifespan, the age at (reproductive) maturity or age at last reproduction (senescence)? It also allows us to examine the less obvious questions such as variations in the value of cancer suppression based on age-specific death rates. The optimal level of cancer suppression may depend on whether the death rate generally increases with age (Type I survivorship curve, like humans) or declines with age (Type III like sea turtles and alligators).

2. The Euler-Lotka equation as a model of the evolution of cancer suppression

An animal's fitness can be defined as its per capita growth rate. If fitness is constant, then a population either increases or decreases

exponentially. Alternatively, fitness may be density-dependent. Usually, fitness and population will decline with density as increasing intra-population competition for available space and resources limits growth. However, in some populations, fitness increases with density when, for example, individuals receive some benefit from the presence of others, such as protection from predators in herds, known as the Allee effect [9].

Here, we characterize populations in an age-specific manner where age is represented by x . For species with age-specific survivorship and age-specific fecundity, the Euler-Lotka equation [10,11] gives the expected per capita growth rate, r , of a population that has achieved its stable age distribution:

$$1 = \int_0^{\infty} l_x m_x e^{-rx} dx, \quad (2.1)$$

where l_x is the probability of a newborn surviving until age x , m_x is the expected number of new forms produced by an individual of age x , and r is the per capita growth rate of such a population with these survivorship and fecundity terms. The integral is evaluated from age 0 until the age beyond which no individuals survive. When population growth and fecundity are limited by females, then survivorship refers to females, and offspring refer to daughters.

For our evolutionary model and analyses, we shall use the following discrete approximation for the Euler-Lotka equation [12]:

$$1 = \sum_{x=0}^{\infty} l_x m_x e^{-rx}. \quad (2.2)$$

We assume that the ecology of the organism and its needs to acquire particular resources and withstand particular hazards largely determine the evolution of its life history described by the number of age classes, the survivorship curve (l_x) and fecundity schedule (m_x). Once l_x and m_x are specified, the value of r is determined. The equation is transcendental and cannot be solved analytically, but it does have an exact solution that can be approximated as closely as desired numerically [13]. (Alternatively, one can convert this equation into the form of a Leslie matrix and use the dominant eigenvalue as a measure of fitness [14].) Here, we choose to work directly from the Euler-Lotka equation as it lends itself to life tables and is computationally efficient.

We imagine that mortality from cancer reduces survivorship from that which the organism would otherwise experience from all other aspects of its ecology. Let q_x be the probability of NOT dying of cancer at age x . This can occur either because cancer has not yet evolved within the organism, or because the current cancer burden of the organism has not yet proved lethal. We can now adjust background survivorship l_x by the mortality consequences of cancer:

$$\tilde{l}_x = l_x \prod_{d=0}^{x-1} q_d. \quad (2.3)$$

The adjusted survival probability to age x is the background survivorship multiplied by the need to survive cancer d during each of the preceding age classes.

We assume that cancer development and progression is, itself, a Darwinian process that proceeds with varying evolutionary velocity as mutations leading to a cancerous cell lineage must accumulate over time. Hence, the likelihood of dying of cancer at age x increases with age. To represent this, we use the following functional form for q_x :

$$q_x = Q e^{-\alpha x}, \quad (2.4)$$

Integrated CONTU Guidelines

(Commission on New Technological Uses of Copyrighted Works)

J-Gate
largest E-Journal Gateway

TestingLS1

Logged in as Library Admin

Welcome Priti

Help

Rights Management and Access Control

Organization Profile

Journal Assignments

Document Delivery Request

Usage Reports

Article Available

CONTU REPORT
ILL Already Fulfilled : 12
Balance : -7
Note : For this journal you have exceeded the applicable limit as of Date.

DDR Received

DDR Sent

DDR Report

CONTU Report

Year 2017

ILL Borrowed

Requested From TestingLS1

Get Report

Export as XLS

Export as CSV

Sl. No.	Journal Name	ILL Delivered	Balance
1	Annual Review of Phytopathology	12	-7

New in J-Gate

Development of New Functionalities

Discovery of Multiple Datatypes



Theses



Audio / Video



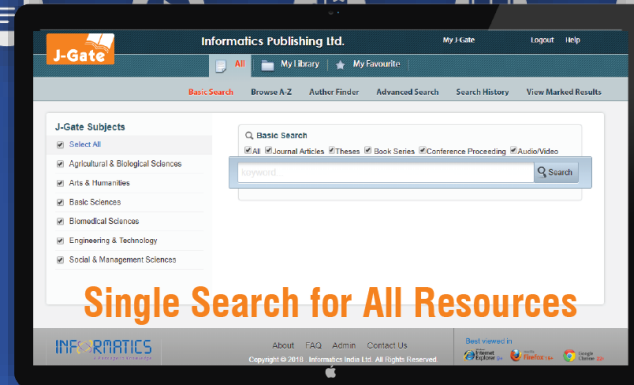
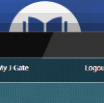
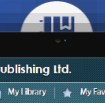
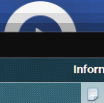
Journals



Book Series

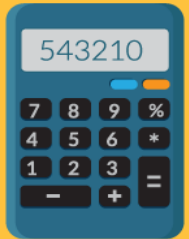


Conference Proceedings



Discovery of LMS (KOHA) in J-Gate

The screenshot displays the J-Gate search interface. At the top, navigation tabs include 'Basic Search', 'Journal Finder', 'Author Finder', 'Advanced Search', 'Search History', and 'View Marked Results'. The 'Basic Search' tab is active. On the left, a sidebar titled 'J-Gate Search' contains a 'Select Catalog Facets' section with two expandable categories: 'All' and 'Authors'. The 'All' category is expanded, showing a list of catalog options: 'Library Catalog' (653 items) and 'Authors' (expanded to show a list of authors with item counts). The 'Authors' list includes: Martin, Hubert. (4); Butler, E. J. (3); Morachan, Y. B. (3); Singh, Chhidda (3); Aiyer, Yegna Narayan A. K. (2); Bates, W. N. (2); Brickbauer, Elwood A (2); Eddowes, Maurice (2); Frohlich, G (2); and Gupta, U. S (Ed.) (2). A 'Show More' button is located at the bottom of the authors list. The main search area is titled 'Your Library Catalog' and shows 'Results Showing 1 to 10 of 653'. A search input field contains 'Keyword...' and a 'Search' button. Below the search bar, the results are sorted by 'Relevance'. Three search results are visible, each with a title, author, item information, and availability status. The first result is 'Diversification and horticultural crops A case of Himachal pradesh' by Mehta, Pradeep KumarMahadeva M. [Guide], with item 'THE' and availability 'Items available for loan'. The second result is 'Diversification and horticultural crops A case of Himachal Pradesh' by Mehta, Pradeep KumarMahadeva M. [Guide], with item 'THE' and availability 'Items available for loan'. The third result is 'Pulse crops of India / edited by Kachroo, P.' by Kachroo, P., published by New Delhi :Indian Council of Agricultural Research, 1970.0, with item 'BK' and availability 'Items available for loan'. Each result has a 'Place hold' link.



Benefits for the Library!



Benefits for the Library

- All subscribing library admins should be able to **Access** and **Manage** Admin Module / Rights & Access Management System
- Manage **Organizational Profile** and access.
- Upload / manage / view **Library Subscribed Holding** details.
- Extract detailed **Usage Reports** for detailed **Decisive Analysis**.
- Manage **DDR functions** for effective utilization of resources.

Learning Goals

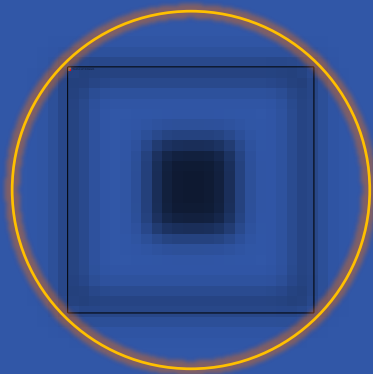
I > How to use Rights & Access Management in **Admin Module**.

II > Managing **Organizational Profile** Information and **IPs**.

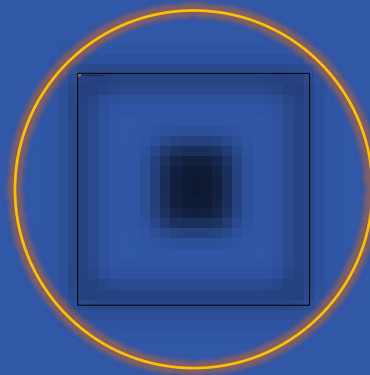
III > Uploading Library Subscribed Holdings to configure and enable **Full-text Access** to researchers through “**My Library**”.

IV > Manage **Inter Library Loan** (Document Delivery Request)

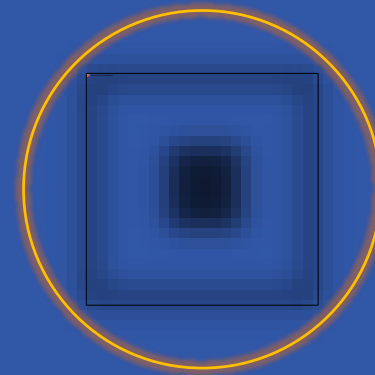
Three Levels of Customization



Consortia Level



Library Level



User Level

Consortia Level

- Furnishing Details of Consortia Subscribed Journals and Access Rights of Participating Members.
- Document Delivery for Consortia Subscribed Journals.
- Usage Tracking of all the Member Libraries.
- Monitoring Administrative Reports.
- Changing /Updating the IP/Login details.

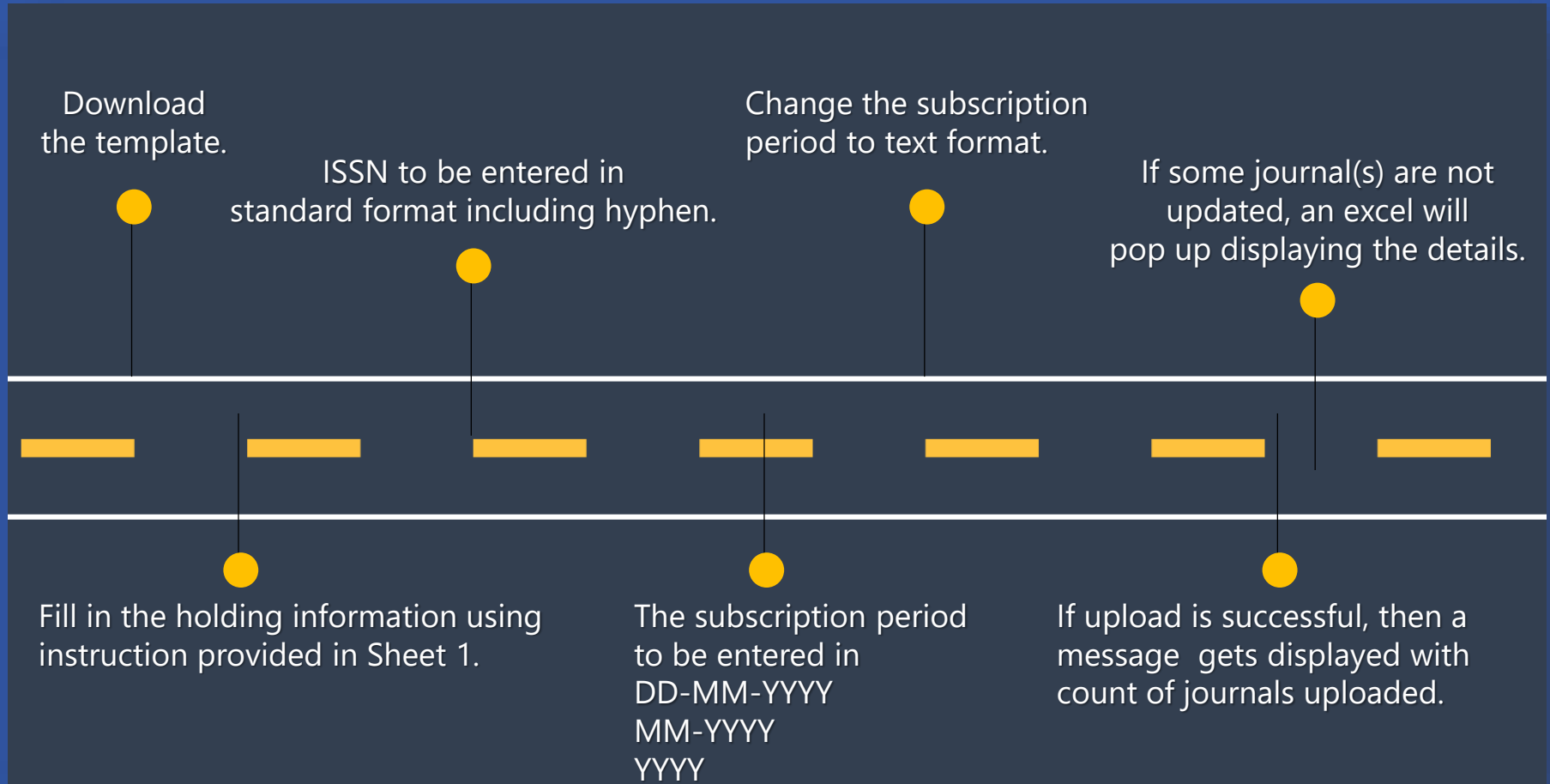
Library Level

- Changing access passwords.
- Updating organization Profile and adding IPs.
- Uploading journal holding information of all library subscribed journals.
- Managing document deliveries.
- Tracking usage.

User Level

- Creating & managing a **personal library** of favourite journals.
- Searching & Browsing from **anywhere**, after logging in.
- Set **Alerts** for Latest Issue and/or search keyword updates.
- Add favourite / important articles to **custom folders**.
- **Share** with peers.

How to upload Library Holdings



About Us

Incorporated in 1980,

 **INFORMATICS** is an early pioneer in the business of e-Information in India.
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Built on nearly 4 decades of trust, driven by excellence, we pride ourselves on providing a **passage to knowledge** and a one stop solution for e-information worldwide.

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Technology



Services



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