

DRDO eLIBRARY INSTRUCTION MANUAL

2019
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2020



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Introduction

Refread has built the DRDO Digital Library (visit <https://drdolibrary.in>) to provide you access of millions of eResources in the most simplified manner. Our aim is to save you time and effort by aggregating all library resources and everything relevant on web for the subjects of your interest.

DRDO Digital Library solves two main problems:



Unify 100s of platforms

Scholars should not waste time and effort in visiting and searching multitude of subscribed publisher platforms, library OPAC and internal repositories for the relevant content.



Diverse Information Needs

You have diverse information needs which go beyond just learning content. We wanted to transform your library website into an engaging and dynamic information hub.

Benefits

- Over continuously growing collection with **500,000+ Full Text Publications** including eBooks, eJournals, Video Lectures, Conference Proceedings, Theses
- Engaging Info and Literary Services comprising of Expert Talks, Literature, Biographies and more
- Discover latest **Research Articles and News Articles** from all subscribed publishers and relevant open access platforms
- Keep up with headlines from **70+ News Publications**
- Get **Full Text EVERYWHERE, 24x7** via an inbuilt remote access solution
- Fully Mobile Compatible. Also available as an app on **Android Playstore and iOS App store**
- Save favourite eResources in Reading List, export citations and share resources with peers
- Keep up with latest additions in the eLibrary

Getting Started

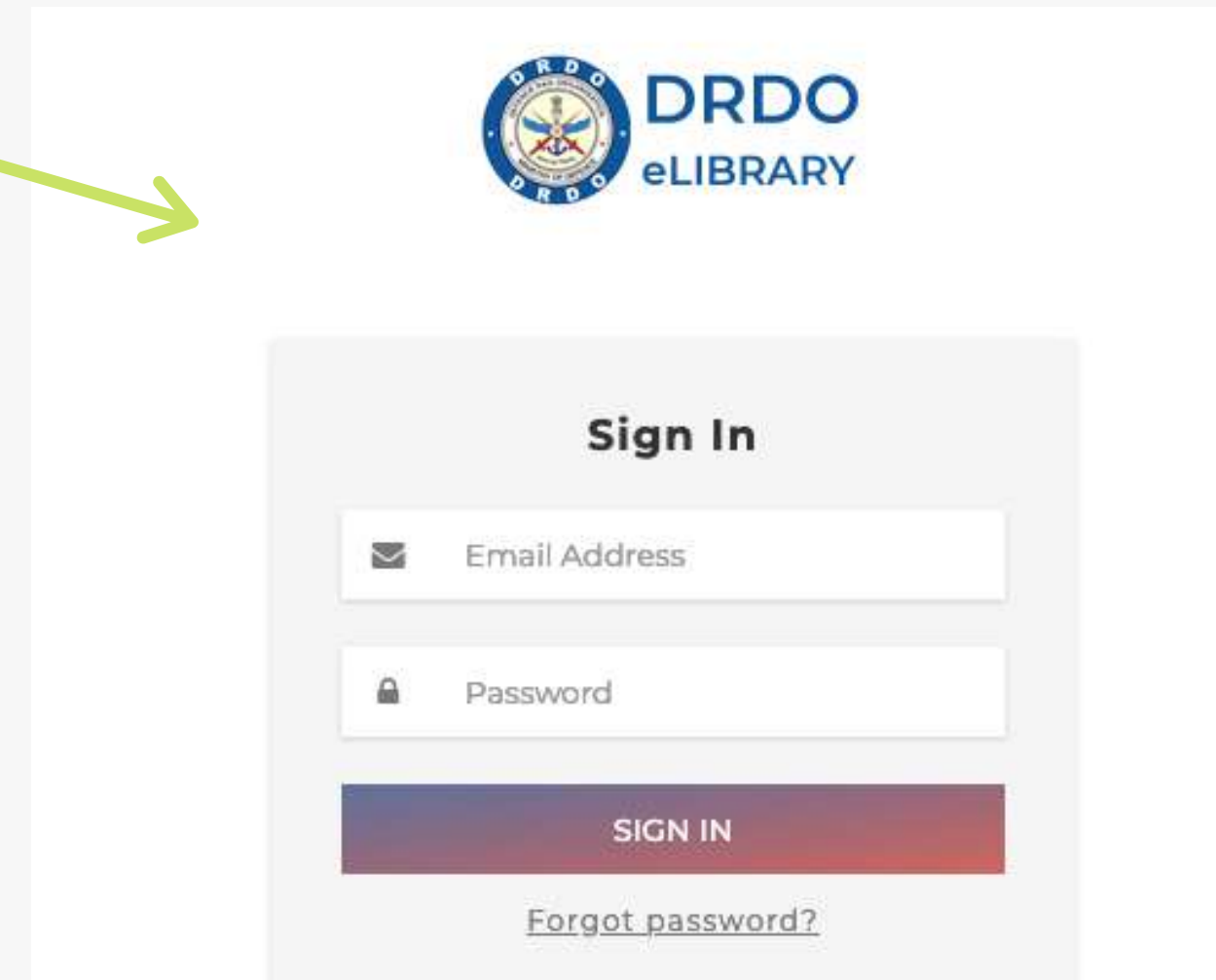
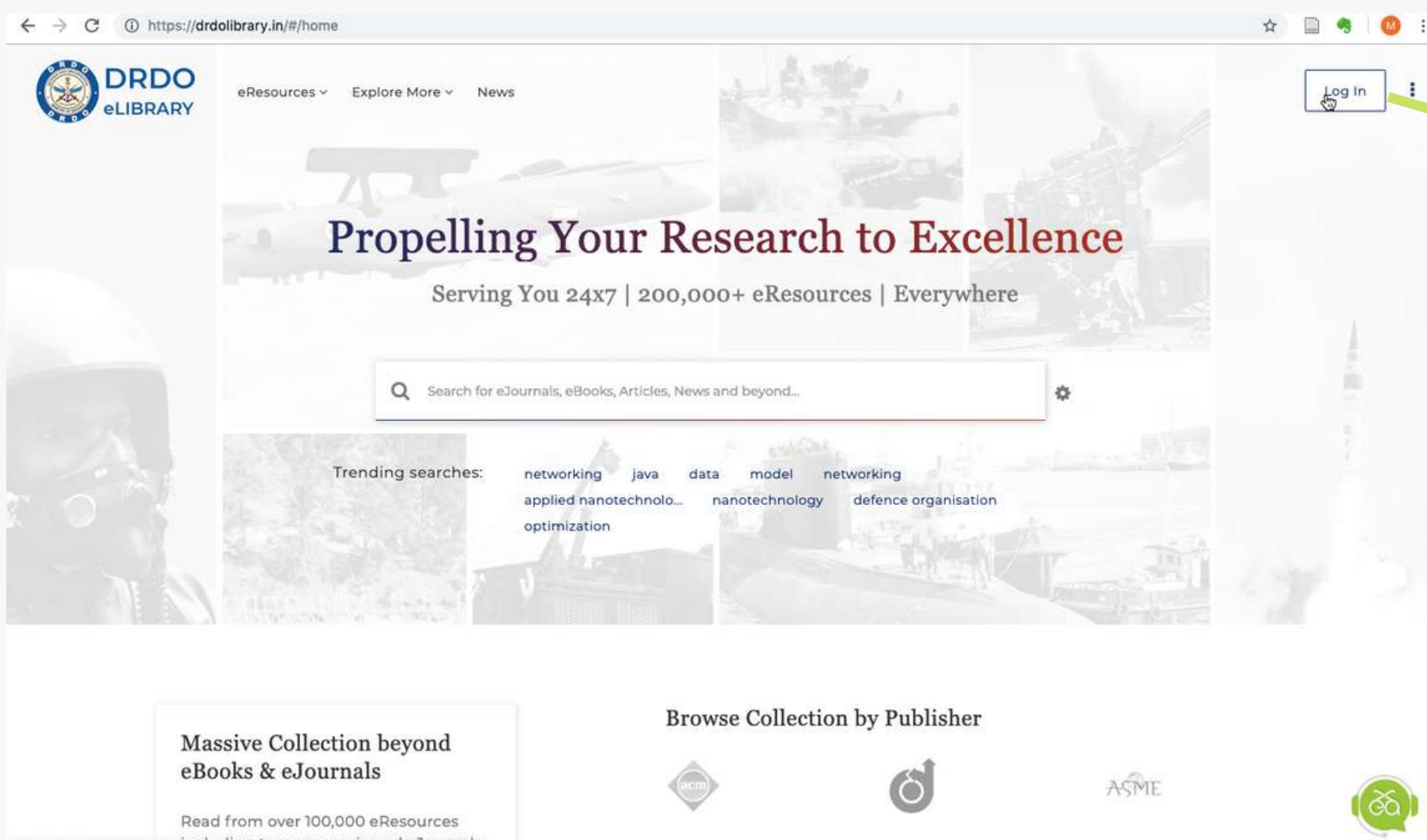
Introduction

Your Account

Homepage & Navigation

eCollection

Access & Account Details



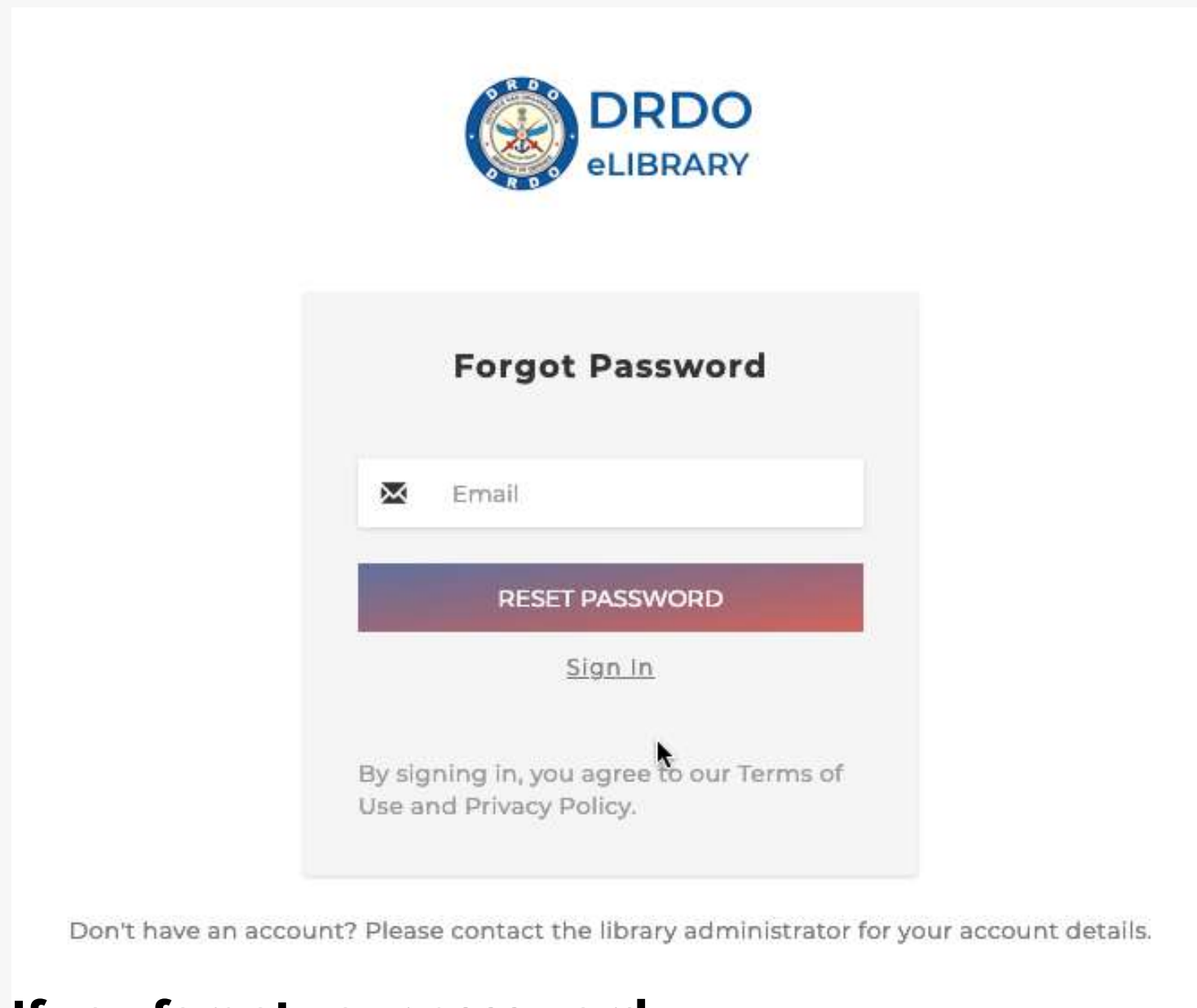
To Login

- Visit <https://drdolibrary.in/>
- Click on Login
- Enter Your Registered Email Address and Password of your choice
- Click Submit to enter the Library and get unrestricted access
- **LOGIN IS MANDATORY TO ACCESS THE LIBRARY FROM OUTSIDE THE CAMPUS NETWORK**

If you do not have your account details

- Contact your Lab administrator or write to libservices@desidoc.drdo.in or support@refread.com to have your account details.
- In the email, please mention your: Full Name, Official Email Address, Lab Name and Mobile Number (Optional).
- Your login credentials will be sent to you within 24 working hours on your registered email address

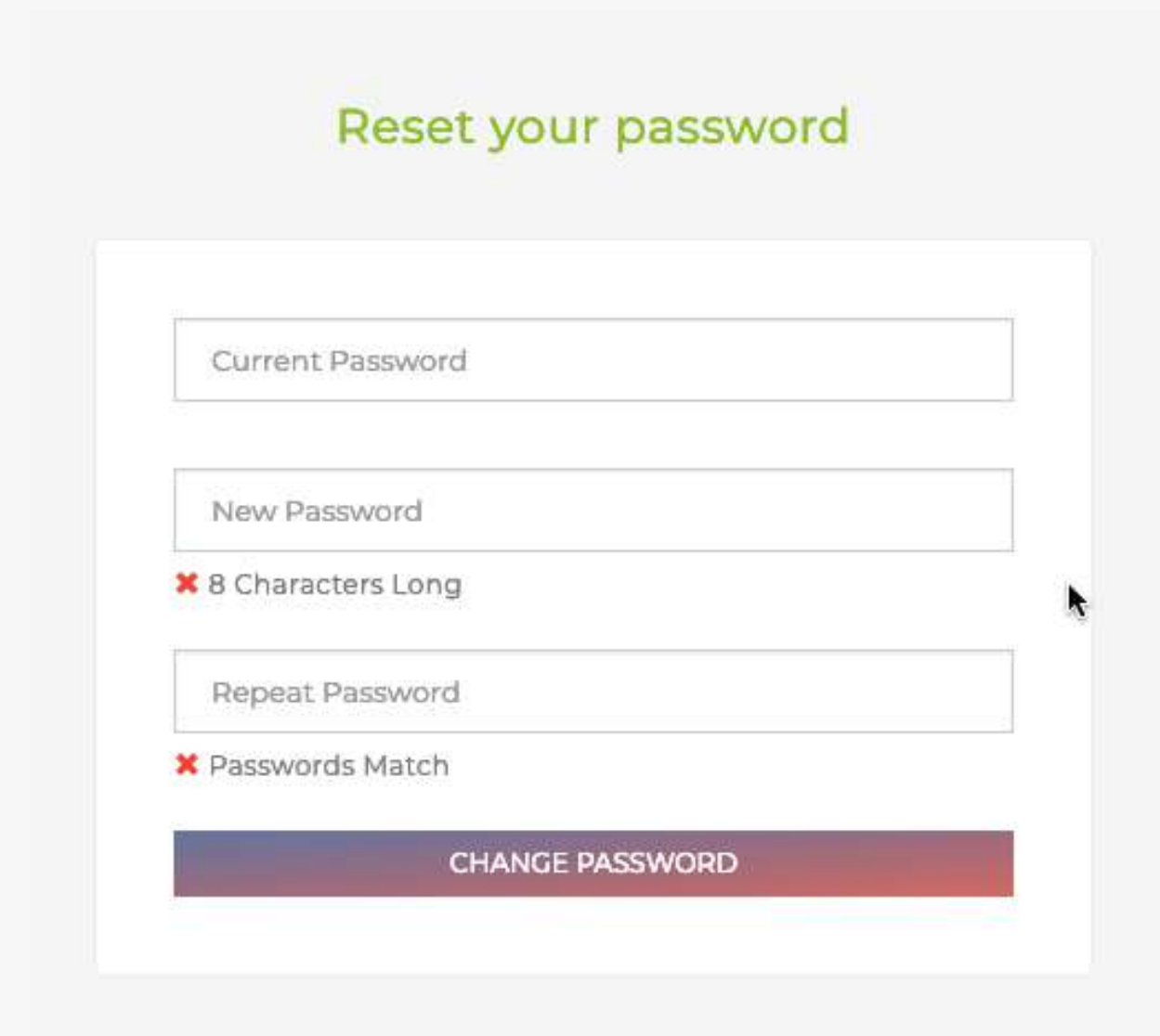
Access & Account Details



The screenshot shows the DRDO eLIBRARY logo at the top. Below it is a form titled "Forgot Password". The form contains an email input field with an envelope icon and the text "Email". Below the input field is a red button labeled "RESET PASSWORD". Underneath the button is a link that says "Sign In". At the bottom of the form, there is a line of text: "By signing in, you agree to our Terms of Use and Privacy Policy." Below the form, there is a note: "Don't have an account? Please contact the library administrator for your account details."

If you forget your password

- Click on 'Forgot Password Link in login form
- Enter your registered email address
- Go to your email inbox and click on the link provided.
The link is a temporary link and will be active only for 30 minutes
- Setup your new password



The screenshot shows a form titled "Reset your password". It contains three input fields: "Current Password", "New Password", and "Repeat Password". Below the "New Password" field, there is a red error message: "x 8 Characters Long". Below the "Repeat Password" field, there is a red error message: "x Passwords Match". At the bottom of the form is a red button labeled "CHANGE PASSWORD".

To change your password voluntarily

- Login to your account using existing password
- Click on your name on the top right corner
- Enter current password to validate
- Enter new password of your choice twice
- Click submit to change your password successfully

Getting Started

Introduction

Your Account

Homepage & Navigation

eCollection

Homepage

1. Browse Menu

- eResources - Click to browse eLibrary collection by Publisher, Media or Subject
- Explore More - To browse information services, event feeds, literature etc
- NEWS - Headlines and news clippings from over 100 publications

2. Login Button & Useful Links

- Click Login Button to enter the library
- Once logged in you shall see you name on click of which see SocioLib, Your Reading List, Your Profile, Change Password and Logout.
- The 3 dots next to your name give you access to About Library Webpage, Request an item form, user manual and feedback form.

3. Basic Search Bar and Link to Advanced Search form (explained later)

4. Staff Picks

Library staff (and faculty) picks latest, peer reviewed books and theses for your learning and research.

The screenshot shows the DRDO eLIBRARY homepage. At the top left is the DRDO eLIBRARY logo. Navigation links include 'eResources', 'Explore More', and 'News'. A user profile 'Mohit' is logged in at the top right, with a dropdown menu showing 'SocioLib', 'Reading List', 'Profile', 'Change Password', and 'Log Out'. A large banner features the slogan 'Propelling Your Research to Excellence' and 'Serving You 24x7 | 200,000+ eResources | Everywhere'. Below the banner is a search bar with the placeholder text 'Search for eJournals, eBooks, Articles, News and beyond...'. A 'Trending searches' section lists terms like 'networking', 'java', 'data', 'model', 'networking', 'applied nanotechnolo...', 'nanotechnology', 'defence organisation', and 'optimization'. The 'Staff Picks' section is highlighted with a green circle '4' and contains four book cards: 'Advances in Gas Turbine Technology' by Ernesto Benini (Intech, 2011), 'Introduction to Statistical Signal Processing' by Robert M. Gray et al (caml.inria.fr), and 'Neural Networks' by Rolf Pfeifer et al (FretechBooks). A green circle '1' points to the 'eResources' link, a green circle '2' points to the user profile, and a green circle '3' points to the search bar.

Homepage

5. Latest from Library catalog

- The eLibrary gives you a quick snapshot of latest addition in the print collection as catalogued in the library management system

6. Trending Content

- Find what other users of your library are reading and finding relevant in the collection. The section is updated automatically based on community usage.

The screenshot displays the DRDO eLibrary homepage. At the top, there is a navigation bar with the DRDO eLIBRARY logo, links for 'eResources', 'Explore More', and 'News', and a 'Log In' button. The main content is divided into two sections: 'Latest from DRDO Union Catalog' and 'Trending'. The 'Latest from DRDO Union Catalog' section features four book covers: 'Consumer behaviour In Indian Context' by K.K. Srivastava, 'Agile Software Architecture' by Babar M. A., 'Applied computing and information technology' edited by Roger Y. Lee, and 'THE ART of MULTIPROCESSOR PROGRAMMING' by Maurice Herlihy. The 'Trending' section features four book covers: 'Banach, Fréchet, Hilbert and Neumann Spaces' by Simon, 'Communications Engineer' by IEEE, 'Java, Java, Java: Object-Oriented Problem Solving, 3rd Edition' by R. Morelli and R. Walde, and 'Digital Signal Processing (DSP) with Python Programming' by Maurice Charbit. A green circle with the number '5' is overlaid on the 'Latest from DRDO Union Catalog' section, and a green circle with the number '6' is overlaid on the 'Trending' section.

Homepage

7. News & News Board

- Latest Library clips curated by Library Staff. Click on View all to browse all library clips by date, publication and authors
- Noticeboard features important notifications released by the library staff.

8. Featured Collections

- Click on the featured collection to browse latest scholarly and news resources relevant to the topic
- These featured collections are regularly updated by the library staff.
- Each collection features multiple Research articles, eBook chapters, news, videos and theses from popular publishing sources
- If you wish for a new featured collection, please send a suggestion to the library desk.

The screenshot displays the DRDO eLIBRARY homepage. At the top, there is a navigation bar with the DRDO eLIBRARY logo, links for 'eResources', 'Explore More', and 'News', and a 'Log In' button. The main content area is divided into three sections:

- News:** A section with a green circle containing the number '7'. It features a grid of news items, each with a small image and a title. The items include: 'India's next-gen anti-radiation missile set for trials | desi anti-rad...', 'DRDO chief Satheesh Reddy conferred Missile Systems Award by AIAA - Th... M Somasekhar', 'India to launch Emisat on April 1', 'ISRO: DRDO satellite that will sniff out enemy radars to be launched o...', 'DRDO test fires successfully Man Portable Anti-tank Guided Missile - T... Somasekar M', 'DRDO test fires MPATGM weapon system in Rajasthan', 'Anti-tank missile developed by DRDO successfully fired - The Hindu V. Geetanath', and 'Government Jobs Recruitment Processes to Clash with Poll Dates of Lok ...'.
- Notice Board:** A section with a grey background and a green circle containing the number '8'. It lists several notices, including: 'New eLibrary Portal of DRDO launched by Chairman DRDO on 1st of January 2019', 'Inaugural words by Secy Dept of Defence R&D and Chairman DRDO', 'Reg Policy-formulation for DRDO Libraries', 'List of Elsevier eBooks for selection by DRDO Labs (last date 15th Jan 2019)', and 'Minutes/ proceedings of Head of TIRCs' Meet at ARDE Pune on 29-30th of November 2018'.
- Featured Collections:** A grid of 12 collection tiles, each with an icon and a title. The collections are: 'Advanced Computing', 'Aerial Delivery Systems', 'Aeronautics', 'Airborne Surveillance Systems', 'Ammunitions', 'Armaments', 'Artificial Intelligence in Defence', 'Autonomous Systems', 'Avionics', 'Bioengineering', 'Biomedical Engineering', and 'Combat Aircraft Systems'.

Getting Started

Introduction

Your Account

Homepage & Navigation

eCollection

eCollection

1. eResources

- DRDO consortium provides access to 832 Peer Reviewed Journals and over 1000 conference proceedings from 07 Top Publishers
- DRDO also gives you access to 286 latest eBooks from Wiley
- You can also access 3.7 Lakh+ full text publications curated by Refread including Thesis - 2,92,000+, Videos - 74400+, eBooks - 9225+ and Journals - 3480+.

2. Explore More

- 100+ Dictionaries and Encyclopedias
- 350+ Biographies, Autobiographies, A/V Bioscopes & Documentaries
- 5000+ Thought Provoking Experts talks
- 2000+ English, Hindi, Punjabi Literary classics and Poetry
- DRDO Publications: Journals, House Bulletin, Monograph & Ebooks.
- DRDO Hall of Fame - Coming Soon

3. News

- News Clips curated by DESIDOC staff
- Headlines from over 70 News Publications
- Topic Headlines from all over the world



Jane's
By IHS Markit



The screenshot shows the DRDO eLIBRARY website. At the top left is the DRDO eLIBRARY logo. Navigation menus include 'eResources', 'Explore More', and 'News'. A 'Refread' logo is in the top right. A dropdown menu is open, displaying several categories with corresponding images: 'Biographies, Bioscopes and Documentaries' (with a 'BIO' graphic), 'Dictionary, Encyclopaedia, General works' (with a magnifying glass), 'DRDO Hall of Fame' (with a room image), 'DRDO Publication' (with a bookshelf), 'Expert Talks' (with a person on a stage), and 'Leisure Reading' (with a stack of books). Below the dropdown, there is a 'Trending searches' section with terms like 'data', 'java', 'model', 'networking', 'networking', 'the', 'defence organisation', 'applied nanotechnolo...', and 'nanotechnology'.

Search & Browse

Easy Browsing

Basic Search

Advance Search

Easy Browsing

1. Browsing eResources

All Scholarly resources arranged by Discipline, Publisher, Format or Topic Guides

a) Browse by Discipline - Click on any subjects (Astronomy, Biology, etc) to list eResources for the subject.

b) Browse by Publisher- Click on Publisher Names (IEEE, ACM) to list Publisher wise content.

c) Browse by Format- Click on the format (journal, eBook) to list documents by type of media.

d) Browse by DRDO Topic Collection - Refread has curated relevant publications and latest research articles relevant to focus research area of DRDO scientists. To request a new topic collection, please write to support@refread.com or libservices@desidoc.drdo.in.

e) Browse A-Z- Click on the A-Z letter to list publications starting with the letter sorted in alphabetical order.

f) Browse ALL CONTENT- If you cannot find the subject of your interest, try browsing the entire library collection.

The screenshot displays the DRDO eLIBRARY interface. At the top left is the DRDO logo and 'DRDO eLIBRARY' text. Navigation links include 'eResources', 'Explore More', and 'News'. A 'Refread' button is in the top right. The main content area is divided into four columns: 'By Discipline', 'By Publisher', 'By Format', and 'By Topic'. Each column lists various categories with icons. A green circle 'a' highlights the 'By Discipline' column, 'b' highlights 'By Publisher', 'c' highlights 'By Format', and 'd' highlights 'By Topic'. At the bottom, there is an alphabetical index from 'A' to 'Z' and an 'ALL CONTENT' button. A green circle 'e' highlights the alphabetical index, and a green circle 'f' highlights the 'ALL CONTENT' button.

Search & Browse

Easy Browsing

Basic Search

Advance Search

Easy Browsing

2. Browsing Information Services

Explore More section lists all information services. Just click on the information service to list resources/items.

- 100+ Dictionaries and Encyclopedias
- 350+ Biographies, Autobiographies, A/V Bioscopes & Documentaries
- 5000+ Thought Provoking Experts talks
- 2000+ English, Hindi, Punjabi Literary classics and Poetry
- DRDO Publications: Journals, House Bulletin, Monograph & Ebooks.
- DRDO Hall of Fame - Coming Soon

The screenshot displays the DRDO eLIBRARY website interface. At the top, there is a navigation bar with 'eResources', 'Explore More', and 'News' menus, along with a search bar and a 'Refread' button. A green circle with the number '2' highlights the 'Explore More' section, which lists various information services: Biographies, Bioscopes and Documentaries; Dictionary, Encyclopaedia, General works; DRDO Hall of Fame; DRDO Publication; Expert Talks; and Leisure Reading. Below this, three search results are shown for 'DRDO Publication (4861)', 'Leisure Reading (2087)', and 'Expert Talks (5683)'. Each result includes a grid of items with cover images and titles. For example, the 'Leisure Reading' result shows '1601: Conversation, as it was by the Social Fireside, in the Time of the Tudor' by Mark Twain, 'सद्गति' by मुंशी प्रेमचंद, '32 CALIBER' by Donald McGibney, and 'THE BOOK OF NONSENSE' by Edward Lear. The 'Expert Talks' result shows videos like 'What we're learning from 5,000 brains' by Read Montague and 'How the blockchain is changing money and business' by Don Tapscott.

Easy Browsing

3. Browsing News

- a) Browse News Clips curated by Staff
- b) Browse Headlines from 70+ publications
- c) Browse News related to topics relevant to DRDO scientists

- Click on the news link to read the full article

News Clips by Library



Beyond National Security: Why Weaponization of Spa...
 'National Security' is trotted out as the clinching post-fac...



India's leap in space | Deccan Herald
 China's 2007 ASAT test had catalysed India's own development...



The A-SAT test restores the India-China strategic ...
 India has work ahead to do in developing non-kinetic ASAT te...



What Does India Really Hope to Gain From the ASAT ...
 The debris aspect of the ASAT test has received the most med...



Ex-DRDO Chief Clarifies, Says He Did Not Submit A ...
 Saraswat later clarified that while an informal presentation...



DRDO Offers India Netra AEW&C On New Platform



Time To Take Off- Business News
 In Uri: The Surgical Strike movie, actor Paresh Rawal, portr...



Submarine sonar scientist to head NPOL - The Hindu
 S. Vijayan Pillai, outstanding scientist, has assumed charge...



Hyderabad: Stalker hires detectives to track girl

[View All](#)

News By Publication



| CNN |



Poppy Harlow presses Howard Schultz on his tax ret...
 During a CNN Town Hall with Howard Schultz, CNN's Poppy Harl...

| CNBC |



North Korea may choose to follow Vietnam's economi...
 Like Vietnam, North Korea's Kim Jong Un would like his count...

| Hacker News |



Reflecting on the Soul of a New Machine
 Feb 13, 2019



Cooper tells Trump what workers learned during shu...
 President Trump told reporters he was proud of what was "acc...



The U.S. trade deficit with China 'will reverse' l...
 China's trade surplus with the U.S. will shrink once China s...

BuzzFeed Journalists Vote to Unionize in Wake of L...
 Feb 13, 2019

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News By Topic



| aeronautics |



BREAKING: Transformer Explosion : This is a developing story. Check back: Dec 28, 2018

| Cyber Security |



Tidal under criminal investigation in Norway over ... High-fidelity music streaming service Tidal is under crimina... Jan 14, 2019

| cruise missile |



Shrapnel drone kills 6 at Yemen military parade Video footage captures the moment when an explosive drone, p... Jan 10, 2019



China's Moon landing site is a crater named for th... The story of Theodore Von Kármán, who's lent his name to two... Jan 2, 2019



Cyber Readiness Institute Tackles Lack of Small Bu... A new free cyber security program put together with big busi...



Will Indonesia Purchase the Indo-Russian BrahMos S... Jakarta has expressed serious interest in the capable supers...

[View All](#)



Search & Browse

Easy Browsing

Basic Search

Advance Search

Search & Browse

Easy Browsing

Basic Search

Advance Search

Easy Browsing

3. Browsing News

Click on VIEW ALL in clips, news by publication or news by topic to see full list of articles.

a) You can apply filters like Source (Publication), Author or Topic to limit news results

b) Enter a keyword in the "Search Within" bar to limit results that contain your keyword in the title

c) Sort Articles by Title or Year of Publication

d) You can switch the view from Grid Style to the traditional record layout

Click on the Read button (on hover) to read the full article

The screenshot displays the DRDO eLIBRARY News page. At the top, there is a navigation bar with the DRDO eLIBRARY logo, links for eResources, Explore More, and News, a search bar, and a Refread button. Below the navigation bar, there is a breadcrumb trail: Home > News > By topic. The main content area features a grid of news articles. Callout 'a' points to the filter options (Source, Author, Topic, Search within...). Callout 'b' points to the search bar. Callout 'c' points to the Sort By dropdown menu. Callout 'd' points to the view toggle buttons (Grid, List). The grid contains four articles:

- Article 1:** "Start up lands defence order" by Special Correspondent, Source: The Hindu, Apr 6, 2019. Callout 'a' is positioned over the filter options.
- Article 2:** "Nasa's Parker Solar Probe completes 2nd approach to Sun - India Today" by Source: Indiatoday.in, Apr 6, 2019. Callout 'b' is positioned over the search bar.
- Article 3:** "Hindustan Aeronautics Limited teacher recruitment 2019: Apply before April 10, salary up to Rs 29,000" by Careers Desk, Source: Indianexpress.com, Apr 6, 2019.
- Article 4:** "This mosquito stings like hell: Watch Russian sailors hone SUPERSONIC missile-firing skills" by RT, Source: RT, Apr 5, 2019. Callout 'c' is positioned over the Sort By dropdown.

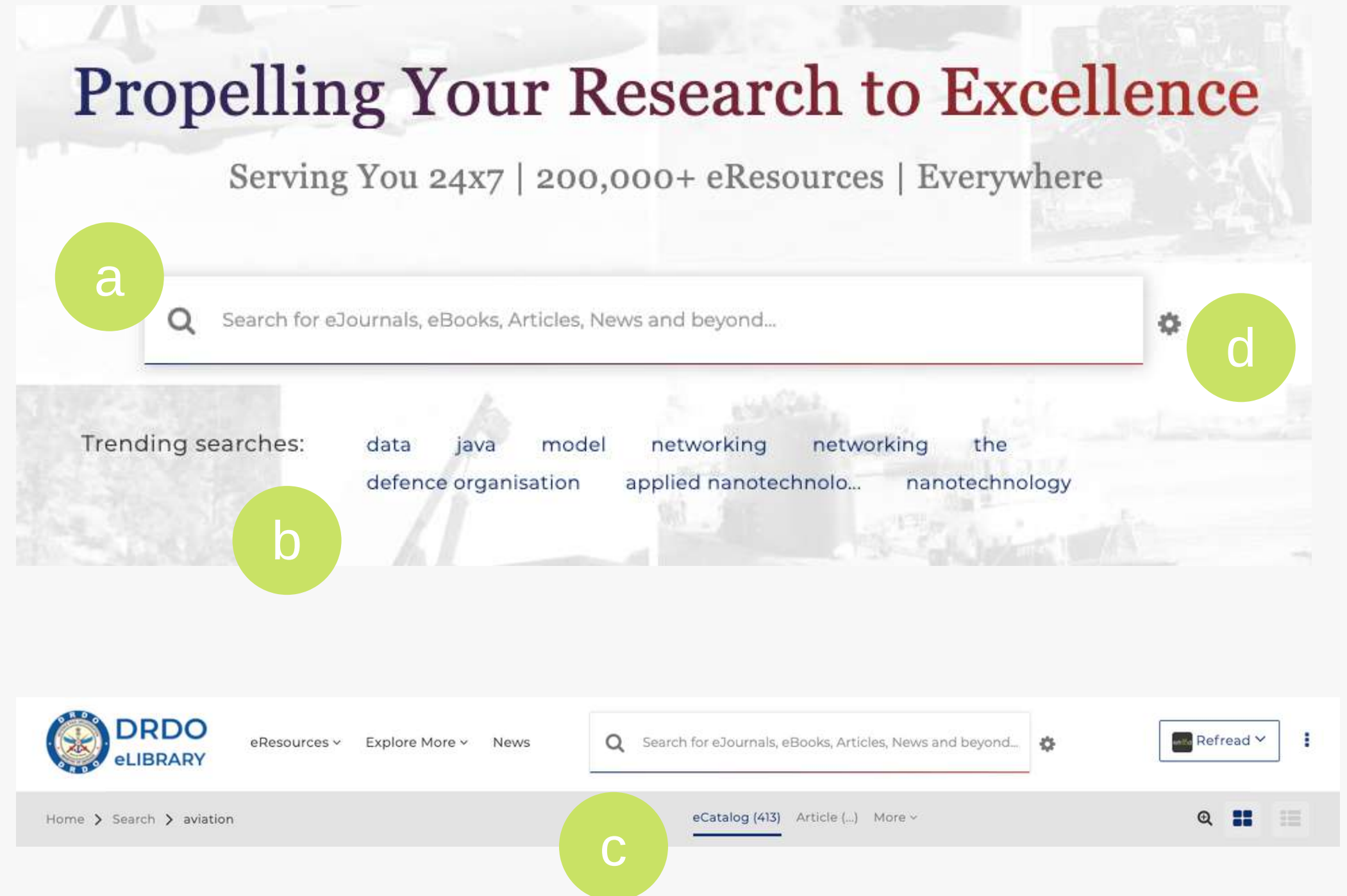
Basic Search

1. Keyword Search in Bar

Available on the Home page banner and in the header on every view.

a) Just like Google, you can use Boolean search operators (expressions) to give context to your search query and get more relevant results

- Use quotes (""), for exact/phrase matching
- Use AND between keywords for results that must contain both the keywords (in any order)
- Use OR between keywords for results that contain either (or both) keywords



b) Below the search bar you can see the Trending (Frequently Searched) queries in DRDO eLibrary.

c) Refread gives you a Universal Search Mechanism to find catalog, research or news articles and content from explore more sections in a single click.

d) Click on the Wrench Icon next to the Basic Search Bar to Open **Advanced Search Form**

Advance Search

1. eCatalog

Click on the wrench icon next to Search Bar to open Advance Search Form. Advance search is best suited to perform complex queries with multiple queries in multiple fields. Search across Publications in the DRDO collection. 'eCatalog' form will search in all DRDO Publications

a) Chose 'Fields' like Title, Author or publisher for localizing your search query.

b) Use Boolean expressions to define relationship between different keywords. Use quotes (""), for exact/phrase matching. Use AND between keywords for results that must contain both keywords (narrows your result set). Use OR between keywords for results that contain either or both keywords (Broadens your result set).

c) Limit by Year of Publication- Add the 'From' and 'To' Year of Publication in YYYY format to narrow your results to that period.

d) Limit by Accessibility - 'Open Access' accessibility limiter will narrow your results to only Open Access content curated by Refread. 'Subscribed' Limiter will narrow your result set to show only publications that have been subscribed by your library. 'Available in Library' limiter will show print publications (books, theses) available for reading/checkout from the library.

e) Limit by Media Type - Chose one or more type of media to narrow the result set to your preferred formats.

The screenshot shows the DRDO eLIBRARY eCatalog search interface. At the top, there is a search bar with a magnifying glass icon and a gear icon. Below the search bar, there are two tabs: 'eCatalog' and 'Research Article'. The 'eCatalog' tab is active. The main search area is divided into three columns: 'Field', 'Keyword', and 'Expressions'. The 'Field' column has a dropdown menu with options: '-- Select Field --', 'Publication Title', 'Author', 'Keyword', and 'Publisher'. The 'Keyword' column has two text input fields. The 'Expressions' column has two dropdown menus with '-- Select Expression --'. Below these columns, there are two text input fields for 'Published in' with labels 'From Year (YYYY)' and 'To Year (YYYY)'. There are also radio buttons for 'By Accessibility' (All, Open Access, Subscribed, Available in Library) and checkboxes for 'For Media' (eBook, Transactions, Conference Proceedings, Book, Video, Newsletters, Journal, Thesis, Magazine). A red 'SEARCH' button is at the bottom left. On the right side, there is a box titled 'Advanced Search for eCatalog' with instructions on how to use Boolean expressions and filters. Green circles with letters 'a' through 'e' are overlaid on the interface to highlight specific features: 'a' is on the 'Field' dropdown, 'b' is on the 'Expressions' dropdowns, 'c' is on the 'Published in' fields, 'd' is on the 'By Accessibility' radio buttons, and 'e' is on the 'For Media' checkboxes.

Advance Search

2. Research Articles

'Research Articles' form will search for latest Research or News Articles in Publications either subscribed by DRDO or top rated open access publishers. Article search is performed on the publisher's website on real-time basis. The experience, relevancy and result set received depends on the publishers' own search algorithm and website performance.

a) Chose 'Fields' like Title, Author or publisher for localizing your search query.

b) Use Boolean expressions to define relationship between different keywords. Use quotes (""), for exact/phrase matching. Use AND between keywords for results that must contain both keywords (narrows your result set). Use OR between keywords for results that contain either or both keywords (Broadens your result set).

The screenshot shows the DRDO eLIBRARY website's 'Research Article' search interface. At the top, there is a search bar with the text 'Search for eJournals, eBooks, Articles, News and beyond...'. Below the search bar, there are two tabs: 'eCatalog' and 'Research Article'. The 'Research Article' tab is active. The search form consists of several sections:

- Field:** A dropdown menu with options: -- Select Field --, Article Title, Author, Keyword, and Publicaton. A green circle 'a' is next to this dropdown.
- Keyword:** Three empty text input boxes.
- Expressions:** Two dropdown menus with the text -- Select Expression --. A green circle 'b' is next to the second dropdown.
- Published in:** Two text input boxes labeled 'From Year (YYYY)' and 'To Year (YYYY)'.
- By Accessibility:** Radio buttons for 'All' (selected) and 'Show only full-text results'.
- From Sources:** A grid of checkboxes for various sources: IEEE Xplore, ACM Digital Library, Wiley Online, National Geographic, Science Direct, Springer Nature, Aiaa Journals, ASME, Refread News, Newsclips by Staff, Drdo Publication, and DOAJ.
- SEARCH:** A red button with the text 'SEARCH'.

On the right side, there is a sidebar titled 'Advanced Search for Research or News Articles'. It contains the following text:

Article search is performed on the publisher's website on real-time basis. The experience, relevancy and result set received depends on the publishers' own search algorithm and website performance.

- Chose 'Fields' like Title, Author or publisher for localizing your search query.
- Use Boolean expressions to define relationship between different keywords. Use quotes (""), for exact/phrase matching. Use AND between keywords for results that must contain both keywords (narrows your result set). Use OR between keywords for results that contain either or both keywords (Broadens your result set).
- Some publishers do not support Phrase search (""). Hence, applying this expression to your search

Some publishers do not support Phrase search (""). Hence, applying this expression to your search may not bring results from such publishers.

Advance Search

2. Research Articles

c) Limit by Year of Publication - Add the 'From' and 'To' Year of Publication in YYYY format to narrow your results to that period. **Some publishers do not support limitation by Year of Publication. Hence, applying this filter may not bring results from some of your subscribed publishers.**

d) Limit by Accessibility - You can limit search results to show only those articles for which you have full text access (open access + subscribed resources).

e) Limit by Sources - Chose one or more sources (publishers, aggregators or open access platforms) to target your search.

The screenshot shows the DRDO eLIBRARY website's 'Research Article' search interface. The page has a top navigation bar with the DRDO logo, 'eResources', 'Explore More', and 'News' links. A search bar is located at the top right. Below the navigation, there are two tabs: 'eCatalog' and 'Research Article'. The main search area is divided into three columns: 'Field', 'Keyword', and 'Expressions'. The 'Field' column has a dropdown menu with options: '-- Select Field --', 'Article Title', 'Author', 'Keyword', and 'Publicaton'. The 'Keyword' column has three empty text input boxes. The 'Expressions' column has two dropdown menus with '-- Select Expression --'. Below these columns, there are 'Published in' filters with 'From Year (YYYY)' and 'To Year (YYYY)' input boxes. A 'By Accessibility' section has radio buttons for 'All' (selected) and 'Show only full-text results'. A 'From Sources' section has checkboxes for various sources: IEEE Xplore, ACM Digital Library, Wiley Online, National Geographic, Science Direct, Springer Nature, Aiaa Journals, ASME, Refread News, Newsclips by Staff, Drdo Publication, and DOAJ. A red 'SEARCH' button is at the bottom left. On the right side, there is a sidebar with the title 'Advanced Search for Research or News Articles' and a paragraph explaining the search process. Three green circles with letters 'c', 'd', and 'e' are overlaid on the interface to highlight specific features: 'c' is over the 'To Year' input box, 'd' is over the 'Show only full-text results' radio button, and 'e' is over the 'From Sources' checkboxes.

DRDO eLIBRARY

eResources | Explore More | News

Search for eJournals, eBooks, Articles, News and beyond...

eCatalog | Research Article

Field	Keyword	Expressions
✓ -- Select Field -- Article Title Author Keyword Publicaton	<input type="text"/>	-- Select Expression --
-- Select Field --	<input type="text"/>	-- Select Expression --

Published in

From Year (YYYY) | To Year (YYYY)

By Accessibility

All
 Show only full-text results

From Sources

IEEE Xplore | ACM Digital Library | Wiley Online | National Geographic
 Science Direct | Springer Nature | Aiaa Journals | ASME | Refread News
 Newsclips by Staff | Drdo Publication | DOAJ

SEARCH

Advanced Search for Research or News Articles

Article search is performed on the publisher's website on real-time basis. The experience, relevancy and result set received depends on the publishers' own search algorithm and website performance.

- Chose 'Fields' like Title, Author or publisher for localizing your search query.
- Use Boolean expressions to define relationship between different keywords. Use quotes (""), for exact/phrase matching. Use AND between keywords for results that must contain both keywords (narrows your result set). Use OR between keywords for results that contain either or both keywords (Broadens your result set).
- Some publishers do not support Phrase search (""). Hence, applying this expression to your search

Results & Metadata

The screenshot shows the DRDO eLIBRARY search results page. The top navigation bar includes the DRDO eLIBRARY logo, links for 'eResources', 'Explore More', and 'News', a search bar with the text 'Search for eJournals, eBooks, Articles, News and beyond...', and a 'Refread' button. Below the navigation bar, the breadcrumb trail reads 'Home > Search > electric propulsion'. The search results are displayed in a tabbed format with 'eCatalog (24)' selected, followed by 'Article (...)' and 'More >'. Three green circles with white letters 'a', 'b', and 'c' are overlaid on the image to highlight specific features: 'a' is under the 'eCatalog (24)' tab, 'b' is under the 'Article (...)' tab, and 'c' is under the 'More >' tab.

1. Results Summary

a) All Browse links in 'eResources' lead you to eCatalog Results. eCatalog Results show you all Publications included in the eLibrary. Results from Basic Search also lead you to eCatalog Results by default. You can choose to see RESEARCH ARTICLES or other content by clicking on MORE tab. You can see the Total Result count along with the tab.

b) Result view - You can opt to see search results in two formats: Grid and List View.

c) Instead of writing complex search queries again and again, you can save the search query. Click on the Search+ icon to save the search query to your reading list.

Working with Results

Results & Metadata

Filters & Sorting

Publication Overview

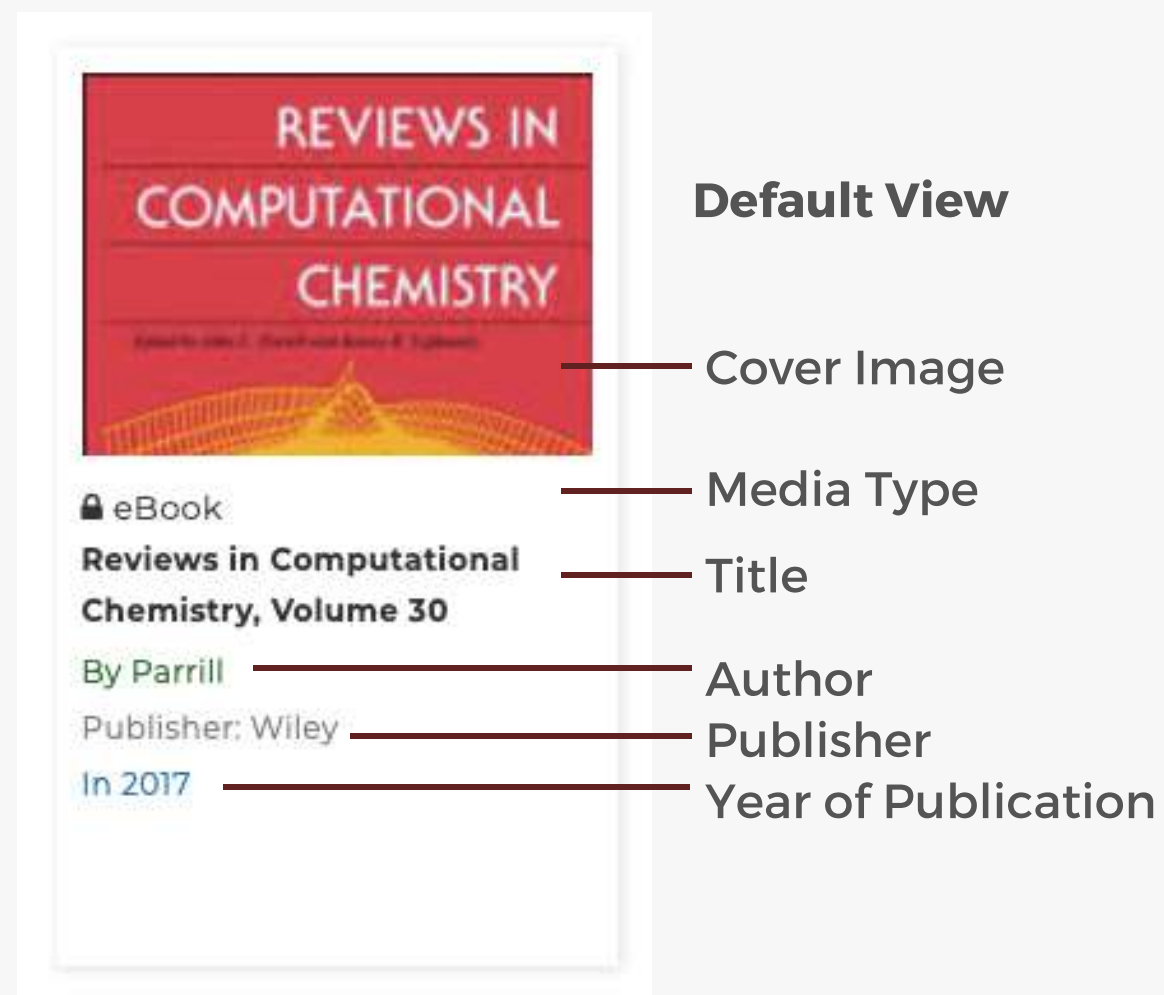
Full Text Access

Results & Metadata

2. eCatalog Result

Grid Style

Default View



Cover Image

Media Type

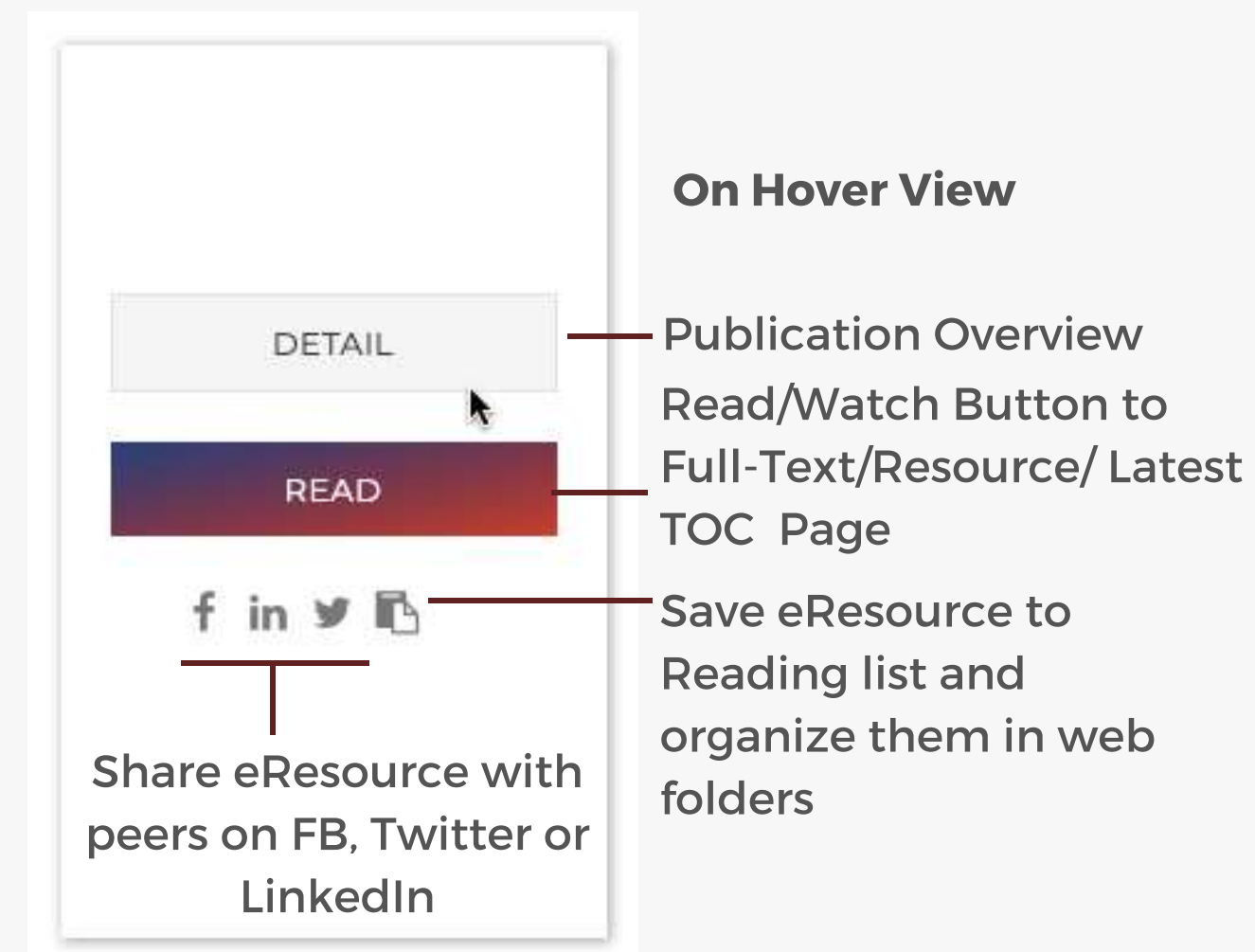
Title

Author

Publisher

Year of Publication

On Hover View



Publication Overview

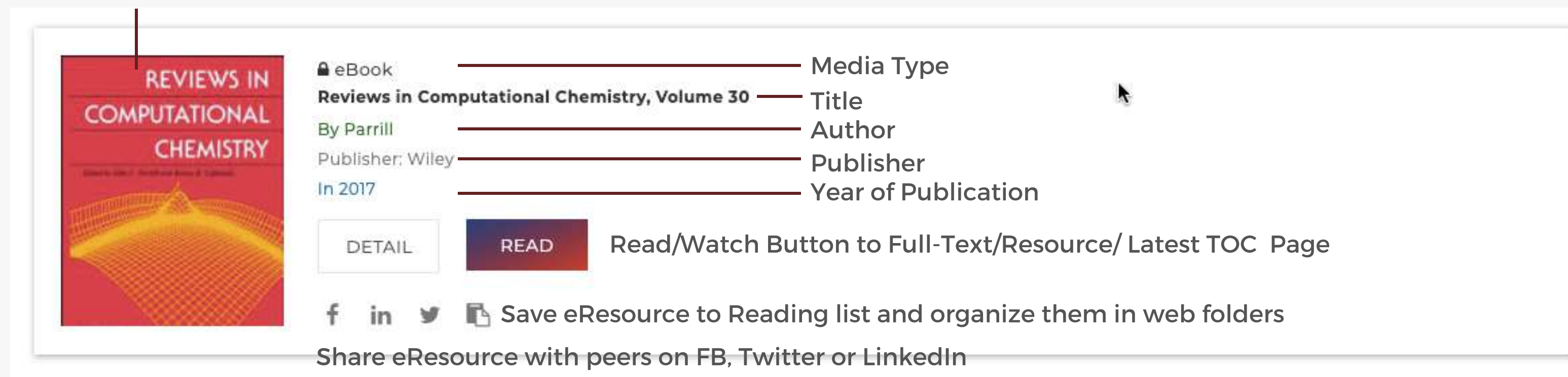
Read/Watch Button to Full-Text/Resource/ Latest TOC Page

Save eResource to Reading list and organize them in web folders

Share eResource with peers on FB, Twitter or LinkedIn

List View

Cover Image



Media Type

Title

Author

Publisher

Year of Publication

Read/Watch Button to Full-Text/Resource/ Latest TOC Page

Save eResource to Reading list and organize them in web folders

Share eResource with peers on FB, Twitter or LinkedIn

Working with Results

Results & Metadata

Filters & Sorting

Publication Overview

Full Text Access

Results & Metadata

2. Research Articles Result

Grid Style



Default View

Media Type

Article Title

Publication Title

Author

Publisher

Year of Publication

Research Article

Recent progress and perspectives of space electric propulsion systems based on smart nanomaterials

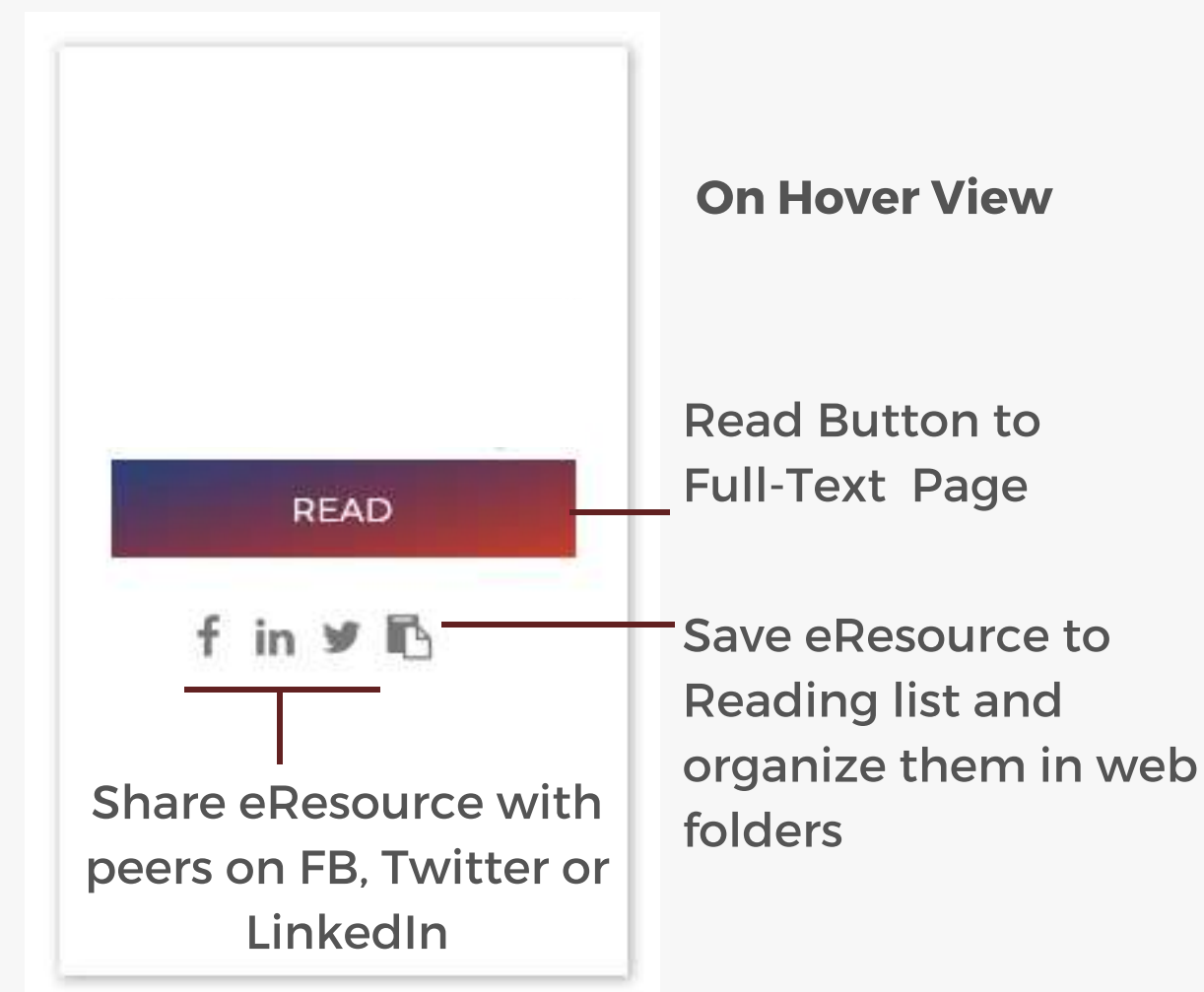
Nature Communications

Miniaturized spacecraft built from advanced nanoma...

By I. Levchenko, S. Xu, G. Teel, D. Mariotti, M. L. R. Walker, M. Keidar

Publisher: Nature Publishing Group

In 2018



On Hover View

Read Button to Full-Text Page

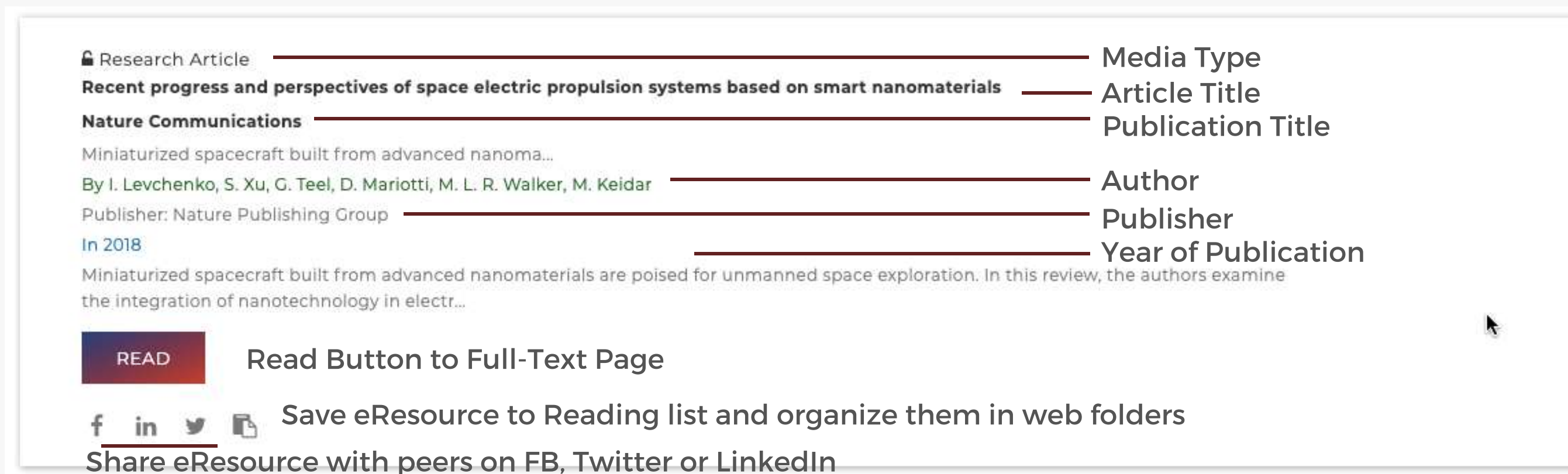
Save eResource to Reading list and organize them in web folders

Share eResource with peers on FB, Twitter or LinkedIn

READ

f in t

List View



Media Type

Article Title

Publication Title

Author

Publisher

Year of Publication

Research Article

Recent progress and perspectives of space electric propulsion systems based on smart nanomaterials

Nature Communications

Miniaturized spacecraft built from advanced nanoma...

By I. Levchenko, S. Xu, G. Teel, D. Mariotti, M. L. R. Walker, M. Keidar

Publisher: Nature Publishing Group

In 2018

Miniaturized spacecraft built from advanced nanomaterials are poised for unmanned space exploration. In this review, the authors examine the integration of nanotechnology in electr...

READ

Read Button to Full-Text Page

Save eResource to Reading list and organize them in web folders

Share eResource with peers on FB, Twitter or LinkedIn

f in t

Filters and Sorting

The screenshot shows the DRDO eLIBRARY website interface. At the top left is the DRDO logo and 'DRDO eLIBRARY' text. Navigation links include 'eResources', 'Explore More', and 'News'. A search bar contains the text 'Search for eJournals, eBooks, Articles, News and beyond...'. On the right, there is a 'Refread' button and a menu icon. Below the search bar, a breadcrumb trail reads 'Home > Search > ALL CONTENT (286)'. A row of filter buttons includes 'Filter By: Subject', 'Author', 'Year', 'Publisher', 'Media', 'Access', and 'Search within...'. Below this, a row of applied filters shows 'Subscribed', 'Wiley', and 'eBook', along with a 'CLEAR ALL' button. A 'Sort By' dropdown menu is visible on the right side of the filter row.

Refine results by performing filters on:

- Subject - Drill down by Subject Category. This filter helps you drill down by 3 subject levels (Ex: Technology > Electrical Engineering > Power Distribution Systems)
- Publisher
- Author
- Media - Drill down to list results of a single document type (eBook, Journal, Video, Thesis)
- Access - Helps you filter content by access type:
 - Open Access - eResources added by Refread. Available to you both within and outside the campus (after login) for free.
 - Subscribed - Lists eResources subscribed by the library. These are generally the journals and eBooks purchased by your library from top publishers (like IEEE, JSTOR, EBSCO, McGraw Hill)
 - Available in Library - Lists all the physical resources. Since, most of these resources are physically in library, only availability can be checked from the digital library via LMS-OPAC.
- Year - Filter by Year of Publication. Year filter is sorted in reverse chronological order.
- Search Within - Enter a keyword to further filter down results having 'exact' matching keywords in the title

Removing Filters - The applied filters are shown at the top, just in case you wish to remove the filter and go back to original result set.

Sorting - To change the order of the results. By default, results are displayed by relevancy. You can sort by:

- Title - To list records in alphabetic order
- Year - To list records in reverse chronological order (latest shown first)

Working with Results

Results & Metadata

Filters & Sorting

Publication Overview

Full Text Access

Publication Overview

Click on the Detail Page of eCatalog (Publication) results will load the Publication Overview page. The overview page has all the bibliographic details for the document

a) Item Details on the top has the cover image, Title, Media Type, Author, Publisher, Year of Publication, social sharing icons and the Read button

b) Publication details as available are shown such as Language, Identifiers, Pages, Subject heading (LCC), and Access Type (Open Access, Subscribed or Physical Item available in Library)

c) Synopsis or Description as available for the eResource

d) Matching eResources based on a matching algorithm other works by the author, publications belonging to same subject heading or publisher.

The screenshot shows the DRDO eLIBRARY interface. At the top, there is a search bar and navigation links. The main content area displays the book cover for 'Digital Signal Processing (DSP) with Python Programming' by Charbit, published by Wiley in 2017. A 'READ' button is visible. Below the cover, there are tabs for 'PUBLICATION DETAILS' and 'SYNOPSIS'. The 'PUBLICATION DETAILS' tab is active, showing a table with the following information:

Language	English
Media	eBook
Identifier	Issn : 9780309221665
Pages	160
Subject	Military science (General)
Access Type	Open Access

Below the table, there is a synopsis section titled 'Lightweighting is a concept well known to structural designers and engineers in all applications areas & from laptops to bicycles to automobiles to buildings and airplanes. Reducing the weight of structures can provide many advantages & including increased energy efficiency & better design & improved usability & and better coupling with new & multifunctional features. While lightweighting is a challenge in commercial structures & the special demands of military vehicles for survivability & maneuverability and transportability significantly stress the already complex process. Application of Lightwe [more]

At the bottom, there is a 'Readers also enjoyed' section with a carousel of related books. The first book shown is 'Picture Interpretation: A Symbolic Approach' by Freetechbooks, 1995, with a 'DETAIL' button and a 'READ' button. The second book is 'Composites and Their Applications' by Ning Hu, Intech. The third book is 'Composites and Their Properties' by Ning Hu, Intech.

Full Text Access

Behaviour of the Read/Watch Button for full text access is governed by the following policy:

a) Open Access Publications - Full text resource is available both within and outside the campus

b) Subscribed Publications - Full Text is available only if your lab has a subscription for the resource. If not available, you can request for the eBook or Research Article using "Request an Item" form

c) Print Publications - Only availability can be checked via LMS OPAC (KOHA). You can reserve the title if available in your Lab holdings. If the print resource belongs to another lab, you can initiate a request for "Inter Library Loan" from the OPAC.

For Off Campus Access:

1. Login is Mandatory for full text access
2. You must have Off Campus rights activated on your account by the library
3. You can only download 25 eResources in a day from outside the campus
4. Your off campus rights may expire after a period and might require reactivation by the staff. This is to prevent misuse of copyright protected resources.

If you get error while trying to access subscribed resources from outside the campus, please write to support@refread.com for assistance.

Personalization Features

Reading List Folders

TOC Alerts

Webhook

SocioLib

Reading List Folders

You can save eResources in reading list for future reference and organize them in folders of your choice. To save:

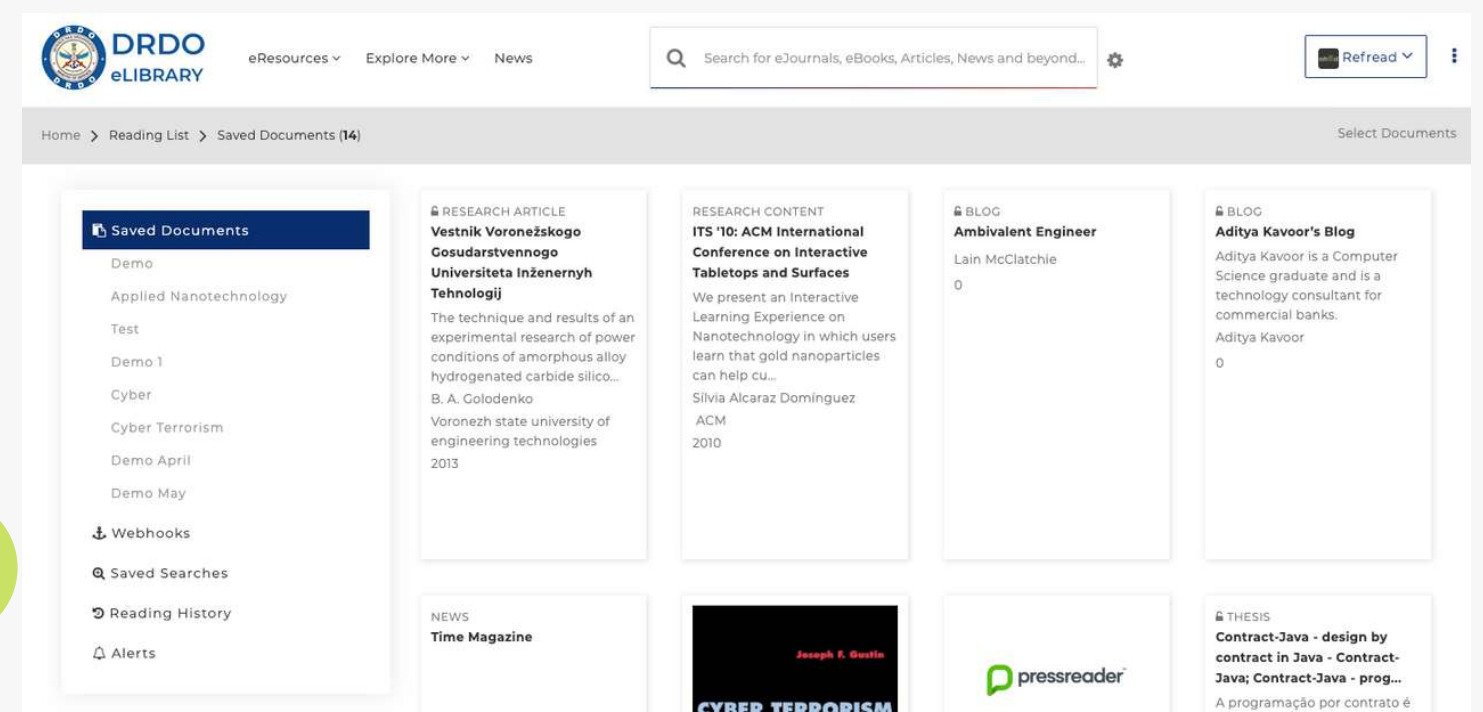
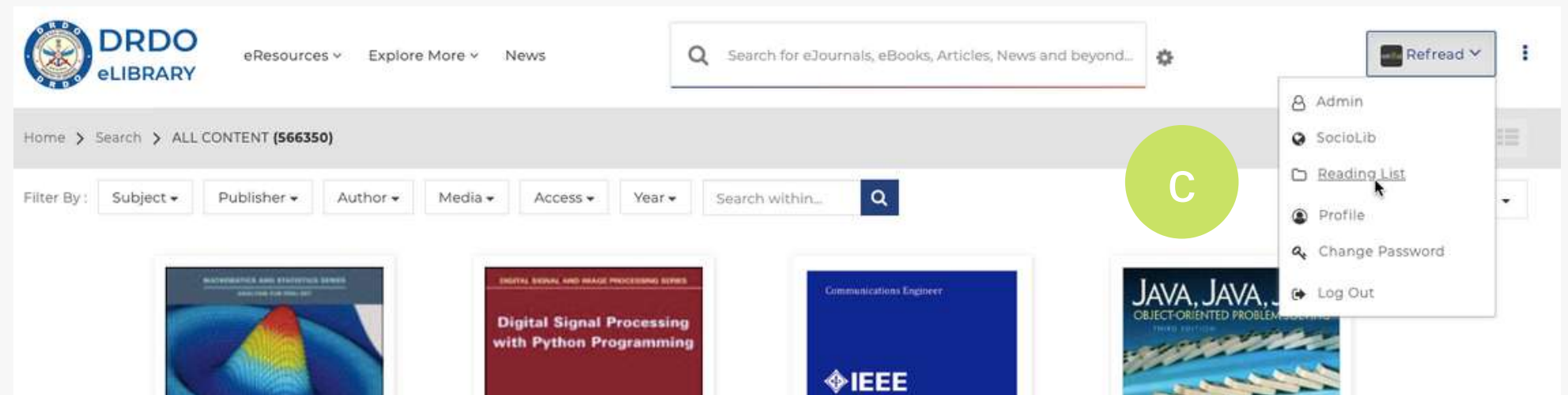
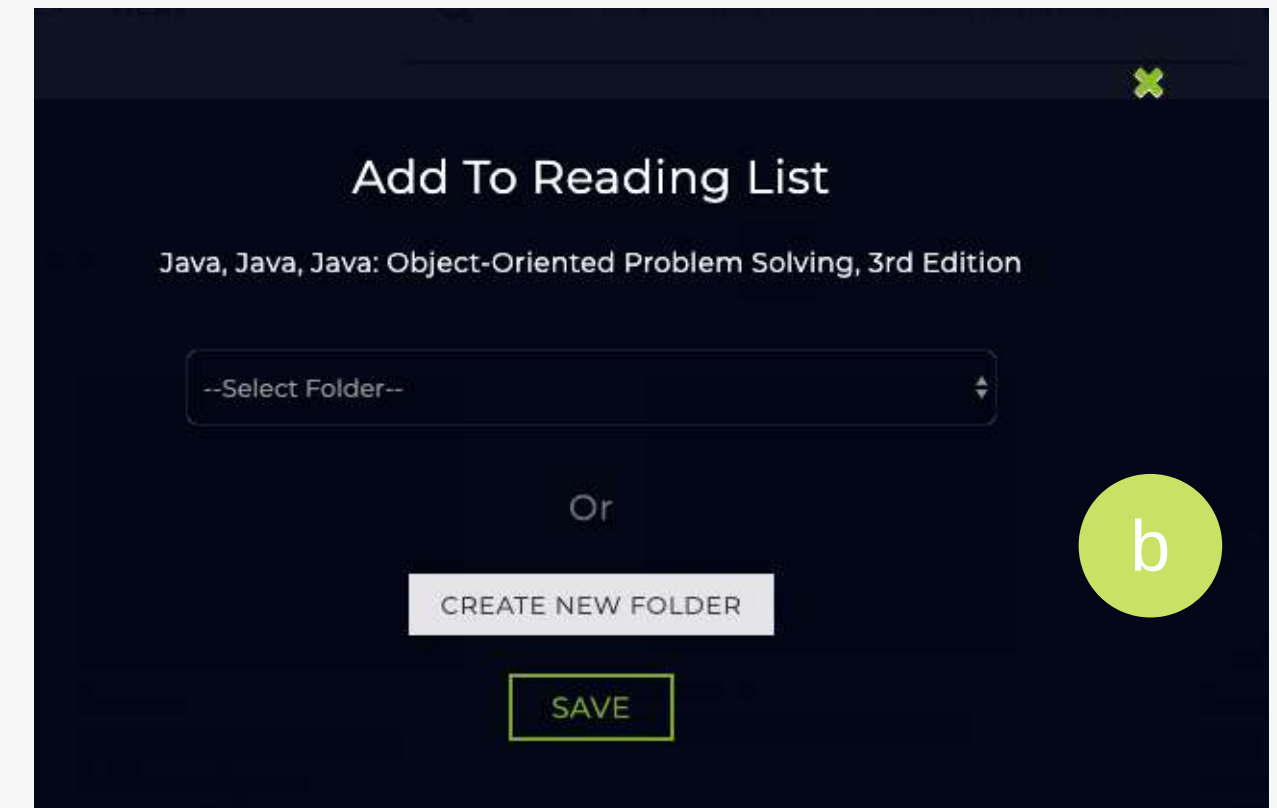
a) click on the "Add to Reading List" button available on each search result

b) Select previously created folders or create a new destination folder

c) After saving, you can find the folders and save documents in your Reading List

d) Reading List also shows you all resources you have read in past sorted by date of activity (latest to oldest) in the 'Reading History' Folder

Instead of typing in long search queries, you can save them and execute the search from 'Saved Searches' folder



Personalization Features

Reading List Folders

TOC Alerts

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Reading List Folders

e) Once added to reading list, you can do a lot with saved eResources. Click the Button 'Select Document' to select multiple documents and:

f) Email Links to Peers

g) Download Citation in:

- APA Format
- MLA Format
- Chicago Format

h) You can Delete selected documents from the reading list

Home > Reading List > Saved Documents (14)

Select Documents

Saved Documents

- Demo
- Applied Nanotechnology
- Test
- Demo 1
- Cyber
- Cyber Terrorism
- Demo April
- Demo May
- Webhooks
- Saved Searches

RESEARCH ARTICLE
Vestnik Voronežskogo Gosudarstvennogo Universiteta Inženernyh Tehnologij
The technique and results of an experimental research of power conditions of amorphous alloy hydrogenated carbide silico...
B. A. Golodenko
Voronezh state university of engineering technologies
2013

RESEARCH CONTENT
ITS '10: ACM International Conference on Interactive Tabletops and Surfaces
We present an Interactive Learning Experience on Nanotechnology in which users learn that gold nanoparticles can help cu...
Silvia Alcaraz Domínguez
ACM
2010

BLOG
Ambivalent Engineer
Lain McClatchie
0

BLOG
Aditya Kavoor's Blog
Aditya Kavoor is a Computer Science graduate and is a technology consultant for commercial banks.
Aditya Kavoor
0

DRDO eLIBRARY

eResources Explore More News

Search for eJournals, eBooks, Articles, News and beyond...

Refread

Home > Reading List > Saved Documents (14)

Export Citation Email Document Delete Document Back

Saved Documents

- Demo
- Applied Nanotechnology
- Test
- Demo 1
- Cyber
- Cyber Terrorism
- Demo April

RESEARCH ARTICLE
Vestnik Voronežskogo Gosudarstvennogo Universiteta Inženernyh Tehnologij
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B. A. Golodenko
Voronezh state university of engineering technologies
2013

RESEARCH CONTENT
ITS '10: ACM International Conference on Interactive Tabletops and Surfaces
We present an Interactive Learning Experience on Nanotechnology in which users learn that gold nanoparticles can help cu...
Silvia Alcaraz Domínguez
ACM
2010

BLOG
Ambivalent Engineer
Lain McClatchie
0

BLOG
Aditya Kavoor's Blog
Aditya Kavoor is a Computer Science graduate and is a technology consultant for commercial banks.
Aditya Kavoor
0

f

Email Document

Email

Email Address

Message

Message

SEND

g

Export Citation

Golodenko B. A., & Golodenko A. B. (2013) Methods of quantum chemistry and nanotechnology as applied to the study of the energy states of amorphous tetrahedral structures. *Vestnik Voronežskogo Gosudarstvennogo Universiteta Inženernyh Tehnologij*, 0(1), .Retrieved from <http://www.vestnik-vsuet.ru/vguit/article/view/132>

The document type : (Research Content) is not supported for citation support. For assistance, please write to support@refread.com

The document type : (Blog) is not supported for citation support. For assistance, please write to support@refread.com

COPY TO CLIPBOARD

Personalization Features

Reading List Folders

TOC Alerts

Webhook

SocioLib

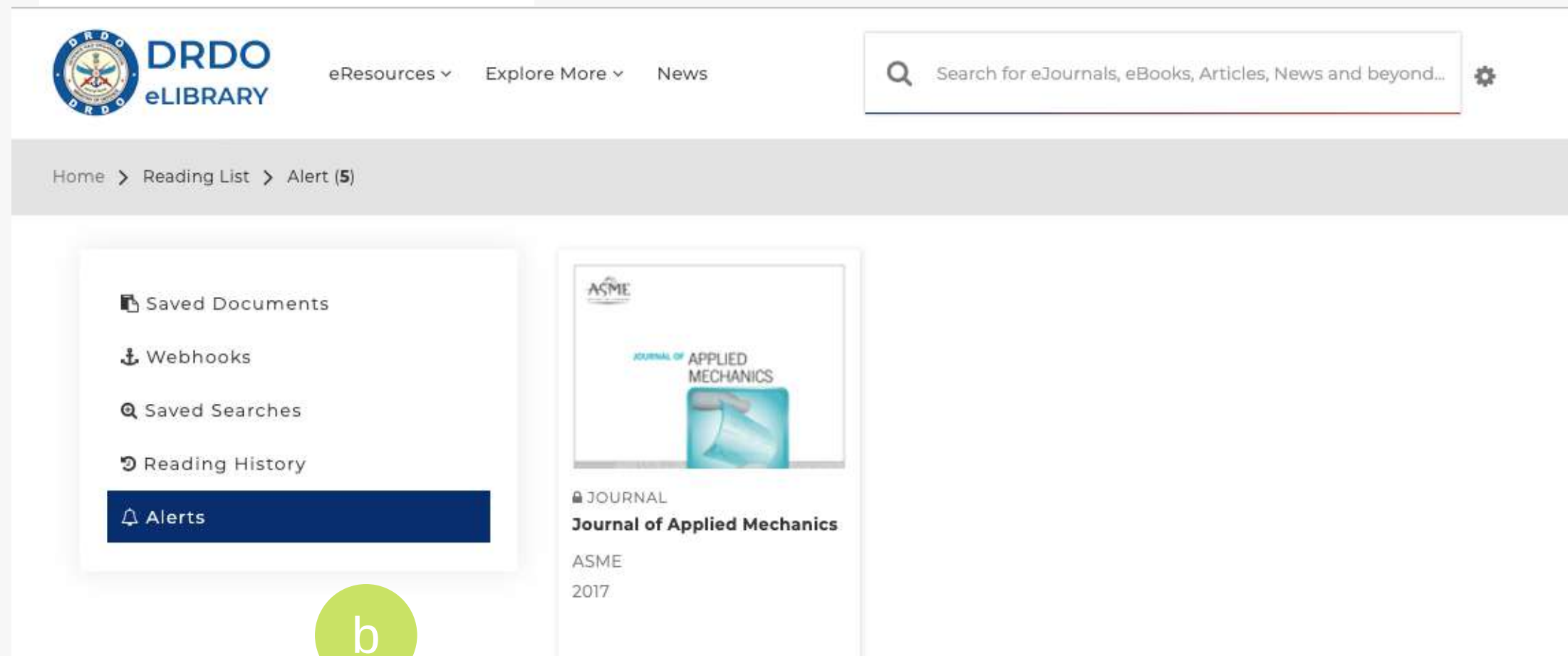
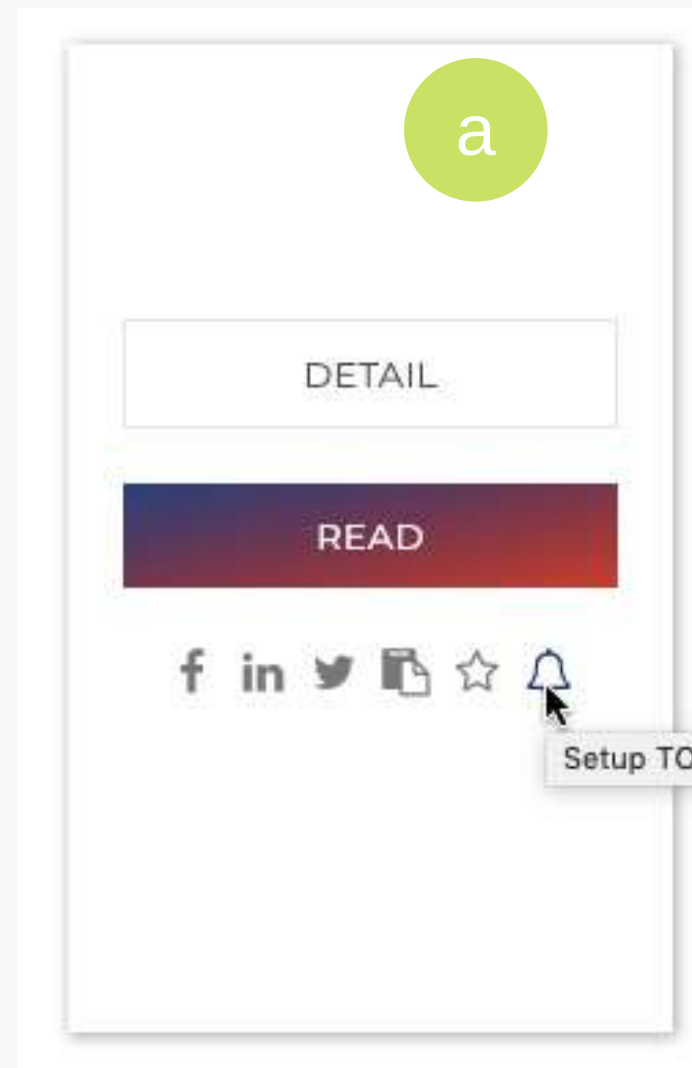
TOC Alerts

You can subscribe to TOC alerts to get article links for the latest articles published in your favourite journals, directly to your email address.

a) click on the bell icon to "Set up TOC alerts"

b) After confirmation, you will start receiving article alerts to your email. In your Reading List, you can click on 'TOC Alerts' to remove an alert.

TOC Alerts can only be setup on Journals, Magazines and Transactions of Subscribed Publishers.



b

Personalization Features

Reading List Folders

TOC Alerts

Webhook

SocioLib

Webhook

The eLibrary also allows you to save external links in your reading list. You can save anything you find relevant on web directly to your eLibrary Reading List.

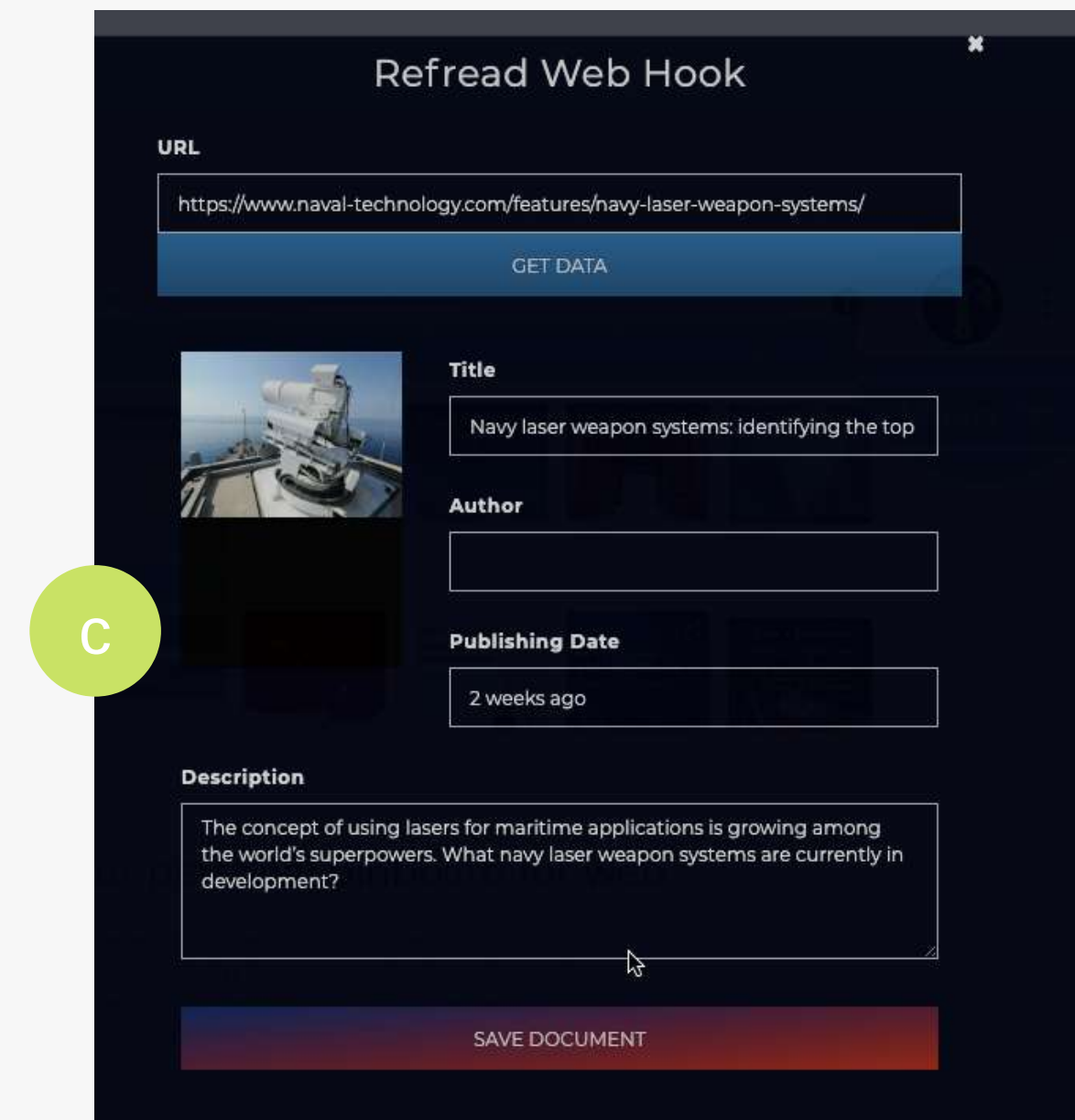
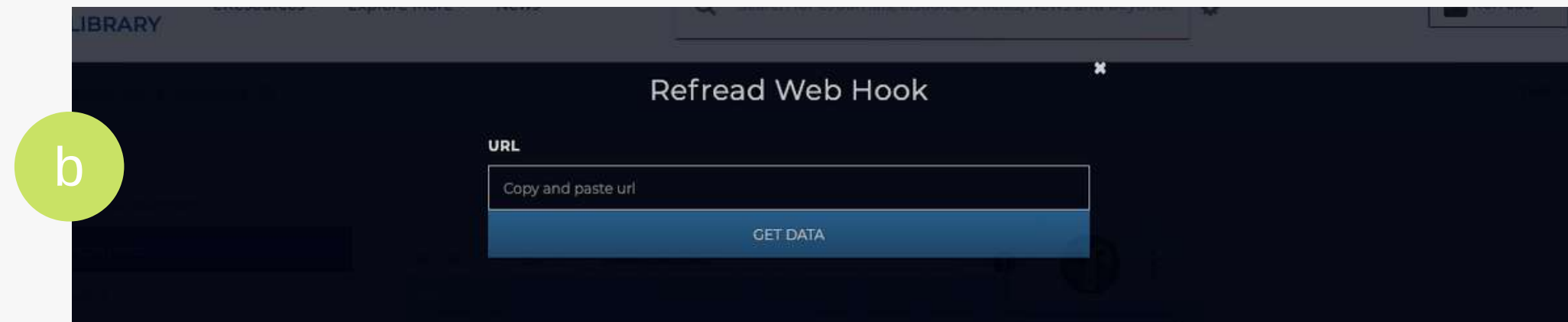
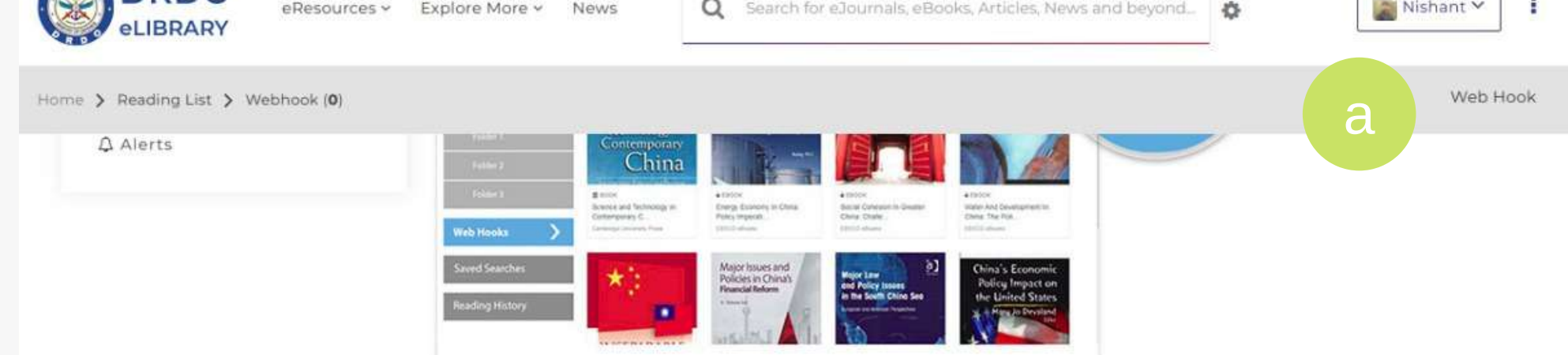
a) Click on the Webhook button

b) Just paste the URL of the page you wish to save to Reading list and click 'Get Data'

c) The Webhook will fetch all the page metadata automatically that can be saved for future reference.

d) You can also simplify the process by installing the 'Webhook' Extension on Chrome at:
<https://chrome.google.com/webstore/detail/webhook/fijhbjdmlecdbdlchfbdlcancihkcabhh>

After Installing, you will need to link the extension with your account once. After that, you can add webpages directly to your account by simply clicking the Webhook button.



Personalization Features

Reading List
Folders

TOC Alerts

Webhook

SocioLib

SocioLib

You can follow peers on eLibrary and see what they are finding relevant in the library collection. SocioLib allows you to discover eResources in a social, yet non-intrusive manner.

a) Click on the SocioLib button

b) Step 1: Fill Your Profile

c) Step 2: Follow your peers (atleast 1).

d) Go back to SocioLib wall and here you will see reading activity of your friends

e) If you donot want other to follow you, you can turn the "Private" mode on. The trade-ff is that in Private Mode, you also cannot see the SocioLib wall. It's a two way road!

f) SocioLib also shows the Library leaderboard based on the number of eResources read by user in the library

The screenshot displays the DRDO eLIBRARY SocioLib interface. At the top, there is a navigation bar with the DRDO eLIBRARY logo, menu items for 'eResources', 'Explore More', and 'News', a search bar, and a 'Refread' dropdown menu. The main content area is divided into several sections:

- User Profile (left):** Shows the 'Refread' profile with a toggle for 'Private Mode' (currently off). A green circle 'e' highlights the profile card.
- Reading Activity (center):** A post by 'Nishant read on tuesday, april 9, 2019' featuring a 'Nature Immunology' journal cover. A green circle 'd' highlights the post.
- User Menu (top right):** A dropdown menu with options: Admin, SocioLib (highlighted with a green circle 'a'), Reading List, Profile, Change Password, and Log Out.
- Follow List (right):** A list of users to follow, including 'Dr. Dipti Dec Student', 'Smt. Sudhar Student', 'Khelawan Choudhary Student', 'P Student', and 'S Ponmariappan Student'. A green circle 'c' highlights this section.
- Library Leaderboard (bottom right):** A section titled 'Library Leaderboard' showing a list of users ranked by reading activity. A green circle 'f' highlights this section.

Support

Request an Item

a) If you are not able to find a resource or cannot access the full text, please fill the Request an Item Form. Available on click of 3 dots at top-right corner.

b) Mentioning Title and Author are mandatory. Also, you can fill this form only after Login.



In case you have any feedback, suggestions or need a web demonstration of the platform, please feel free to write to us at support@refread.com or call us at +91 7669003059.



DRDO ELIBRARY

Serving You 24x7 | 500,000+ eResources | Everywhere