



Literature Survey using webofscience™

NPTL COURSE MODULE

Disclaimer

- ▶ This module is one of the many to illustrate usage of different online tools for literature survey. In this module, WebofScience™ is being demonstrated.
- ▶ This module is not authorized by Thomson Reuters™ and viewers are advised to check with their librarian for guidance on applicable restrictions, licenses and copyrights.
- ▶ WebofScience™, EndNote™, WebofKnowledge™ are trademarks of THOMSON REUTERS™
- ▶ For simplicity, the™ symbol is being omitted for the rest of the presentation.

Check list before you start

- ▶ Ask your librarian if you have a subscription for ISI WebofScience
- ▶ If yes, is the access via IP address or roaming login?
- ▶ If access is through IP, what is the proxy you need to go through while using your browser? Does the proxy need authentication? If yes, can you get one for yourself?
- ▶ If access is through roaming login, can you get the username and password for your use?

URLs – two different tabs in your browser

<http://apps.webofknowledge.com/>

<http://www.myendnoteweb.com/>

In case the URLs have moved to a different location, do an internet search of ISI Knowledge, Web of Science, EndNote Web etc., to pick the correct URL

If you do not have access:

http://login.webofknowledge... Web of Science - Please Sig... x

English

WEB OF SCIENCE™ **THOMSON REUTERS™**

Please Sign In to Access Web of Science

REGISTERED USERS SIGN IN

Sign in with your Web of Science account. Note that you must have recently signed in while at your institution in order to sign in with roaming.

Email Address:

Password:

Remember me on this computer

[Forgot Password?](#)

INSTITUTIONAL (SHIBBOLETH) USERS SIGN IN

WEB OF SCIENCE

Your ideal single research destination to explore the citation universe across subjects and around the world. Web of Science provides you access to the most reliable, integrated, multidisciplinary research connected through linked content citation metrics from multiple sources within a single interface. And since Web of Science adheres to a strict evaluation process, you can be assured only the most influential, relevant, and credible information is included - allowing you to uncover your next big idea faster.

Web of Science connects the entire search and discover process through:

Premier Multidisciplinary Content
Emerging Trends

If you have access:

The screenshot shows the Web of Science search interface. At the top, there is a navigation bar with links for Web of Science™, InCites™, Journal Citation Reports®, Essential Science Indicators™, and EndNote™. On the right side of the navigation bar, there are links for Sign In, Help, and English. Below the navigation bar, the main header features the Web of Science™ logo on the left and the Thomson Reuters logo on the right. A secondary navigation bar contains a Search button, All Databases (with a dropdown arrow), My Tools (with a dropdown arrow), Search History, and Marked List. Below this, a welcome message reads: "Welcome to the new Web of Science! [View a brief tutorial.](#)"

The main search area is titled "Basic Search" with a dropdown arrow. It contains a search input field with the text "Example: oil spill* mediterranean" and a clear button (x). To the right of the input field is a "Topic" dropdown menu and a blue "Search" button. A link "Click here for tips to improve your search." is located to the right of the search button. Below the search input field, there are links for "+ Add Another Field" and "Reset Form".

At the bottom of the page, there is a "TIMESPAN" section. It has two radio button options: "All years" (which is selected) and "From 1965 to 2015". Each year in the "From" and "to" fields has a dropdown arrow.

Check list if you have access

- ▶ Register yourself and obtain a login and password on webofscience. Prefer your official email address as username.
- ▶ Register yourself and obtain a login and password on EndNote web. Prefer your official email address as username.
- ▶ Keep the credentials handy and login to both the portals.

Registering on webofscience

The screenshot shows the Web of Science interface. At the top, there is a navigation bar with links for Web of Science™, InCites™, Journal Citation Reports®, Essential Science Indicators™, and EndNote™. A dropdown menu is open, showing options for Sign In, Register, and Log Out. A yellow arrow points to the Register option. Below the navigation bar, there is a search bar with the text "Example: oil spill* mediterranean" and a "Search" button. The "Basic Search" dropdown is expanded. Below the search bar, there are options for "Add Another Field" and "Reset Form". At the bottom, there is a "TIMESPAN" section with radio buttons for "All years" and "From 1965 to 2015".

Web of Science™ InCites™ Journal Citation Reports® Essential Science Indicators™ EndNote™ Sign In Help English

WEB OF SCIENCE™

Search All Databases

Sign In Register Log Out

Welcome to the new Web of Science! [View a brief tutorial.](#)

Basic Search

Example: oil spill* mediterranean

Topic Search

+ Add Another Field | Reset Form

TIMESPAN

All years

From 1965 to 2015



http://apps.webofknowledge....

Web of Science [v.5.20] - Al... x



Web of Science™

InCites™

Journal Citation Reports®

Essential Science Indicators™

EndNote™

Sign In ▾

Help

English ▾

WEB OF SCIENCE™



THOMSON REUTERS™

Search

All Databases ▾

My Tools ▾

Search History

Marked List

Registration



E-mail Address:

Retype E-mail Address:

|

Note: If you are already registered for a Thomson Reuters [product or service](#), please [sign in](#).

Why register with the *Web of Science*?

- Automatic sign in
- Access saved searches and search history
- Create alerts
- Add references to your *EndNote* Library
- Select a preferred starting database or product
- Update your personal information

Basic Search

Example:

TIMESPAN

All years ▾

From 1965 ▾ to 2015 ▾

Why login to webofscience?

- ▶ Save searches and search history
- ▶ Add references to EndNote library

Registering on EndNote

The screenshot shows a web browser window with the URL <https://www.myendnoteweb.com/EndN>. The page features the EndNote logo and Thomson Reuters branding. The main content area is divided into two columns. The left column contains a sign-in form with fields for 'E-mail' and 'Password', a 'Login' button, a 'Keep me signed in' checkbox, a 'Forgot Your Password?' link, and an 'Institutional/Shibboleth' login option. The right column lists five key features: 'Find' (journal discovery), 'Store' (reference organization), 'Create' (CV and bibliography generation), 'Share' (research sharing), and 'Connect Beta' (researcher networking). A 'Download' button is also present at the bottom left.

ENDNOTE™ THOMSON REUTERS™

Sign In or create an account

E-mail:

Password:

Login

Keep me signed in

[Forgot Your Password?](#)

Institutional/Shibboleth: [Sign in via your institutional login](#)

Try EndNote desktop out for 30 days, we think you'll like it. **Download**
Access anywhere, on your desktop and online.

Find
Find the best potential journal to publish your research.

Store
Organize and group references in any way that works for you.

Create
Use Cite While You Write to create and format your CVs and bibliographies.

Share
Share your research and references with colleagues.

Connect^{Beta}
Interact and network with researchers around the world.

Why login to EndNote?

- ▶ You can save selected references as lists
- ▶ Export lists in different formats – BibTeX and RIS
- ▶ After logging in ...
- ▶ Keep the [Unfiled] list empty. That is where the bibliographic items selected and exported from WebofScience will arrive in.

Example of Logged in screen of EndNote

The screenshot shows the EndNote web interface. The browser address bar displays <http://www.myendnoteweb.com/EndNoteW>. The user is logged in as Phanikumar. The main navigation bar includes 'My References', 'Collect', 'Organize', 'Format', and 'Match'. The 'My References' sidebar on the left shows a list of reference lists: 'All My References (69)', '[Unfiled] (10)', 'Quick List (0)', 'Trash (16) Empty', and several 'My Groups' and 'ResearcherID' sub-groups. The main content area, titled 'All My References', shows a table of references. A yellow callout bubble points to the '[Unfiled] (10)' link in the sidebar, with the text: '[Unfiled] list is not empty! Select all in this list, click delete button to keep this list empty'. The table of references includes columns for 'Author', 'Year', and 'Title'. The first reference is by Babel, S. (2003) titled 'Low-cost adsorbents for heavy metals uptake from contaminated water: a review'. The second reference is by BALACHANDAR, K. (2009) titled 'Microstructure and Mechanical Properties of Gas-Tungsten-Arc-Welded Ti-15-3 Beta Titanium Alloy'. The third reference is by Bass, L. S. (1995) titled 'Laser tissue welding: A comprehensive review of current and future clinical applications'. The interface also shows a search bar, a 'Show 10 per page' dropdown, and a 'Page 1 of 7' indicator.

Web of Science™ ResearcherID Welcome Phanikumar Help

ENDNOTE™

 THOMSON REUTERS™

My References Collect Organize Format Match

Quick Search

Search for

in All My References

Search

My References

All My References (69)

[Unfiled] (10)

Quick List (0)

Trash (16) Empty

My Groups

LaserWelding_P1 (2)

ResearcherID →

My Publications (57)

Publication List 1 (0)

Publication List 2 (0)

All My References

Show 10 per page

Page 1 of 7 Go

Sort by: First Author -- A to Z

<input type="checkbox"/> All <input type="checkbox"/> Page	Author	Year	Title
<input type="checkbox"/>	Babel, S.	2003	Low-cost adsorbents for heavy metals uptake from contaminated water: a review Journal of Hazardous Materials Added to Library: 01 Sep 2014 Last Updated: 01 Sep 2014 View in Web of Science™ → Source Record, Related Records, Times Cited: 1140
<input type="checkbox"/>	BALACHANDAR, K	2009	Microstructure and Mechanical Properties of Gas-Tungsten-Arc-Welded Ti-15-3 Beta Titanium Alloy METALLURGICAL AND MATERIALS TRANSACTIONS A-PHYSICAL METALLURGY AND MATERIALS SCIENCE Added to Library: 18 Oct 2009 Last Updated: 18 Oct 2009 View in Web of Science™ → Source Record, Related Records, Times Cited: 1
<input type="checkbox"/>	Bass, L. S.	1995	Laser tissue welding: A comprehensive review of current and future clinical applications Lasers in Surgery and Medicine Added to Library: 15 Dec 2015 Last Updated: 15 Dec 2015

Example of logged in screen of EndNote

The screenshot shows the EndNote web interface. The browser address bar displays <http://www.myendnoteweb.com/EndNoteW>. The page header includes "Web of Science™", "ResearcherID", "Welcome Phanikumar", and "Help". The main navigation bar features "ENDNOTE™" and the "THOMSON REUTERS™" logo. Below this is a menu with "My References", "Collect", "Organize", "Format", "Match NEW!", "Options", and "Connect^{Beta}".

The main content area shows a search for references in the "[Unfiled]" group. The search results are empty, with the message: "[Unfiled] There are currently no references stored in this group." A yellow callout bubble points to this message with the text: "[Unfiled] list is empty. Ready to receive items exported from WebofScience. Otherwise, old records will get mixed up with newly arrived ones."

The left sidebar, labeled "Hide panel", contains a "Quick Search" section with a search input field, a dropdown menu set to "All My References", and a "Search" button. Below this is a "My References" section with a list of reference groups: "All My References (59)", "[Unfiled] (0)", "Quick List (0)", "Trash (26) Empty", "My Groups", "LaserWelding_P1 (2)", "ResearcherID →", "My Publications (57)", "Publication List 1 (0)", and "Publication List 2 (0)".

Keyword based search

- ▶ Choose alternate keywords with “OR” combination
- ▶ Choose the fields carefully : Topic / Title / Author / Author Identifiers / Editor / Group Author / Publication Name / DOI / Year Published / Address
- ▶ Choose the timespan :
 - ▶ All years
 - ▶ Specific year range (From YYYY to YYYY)
- ▶ Use advanced search features to construct a search string combining different fields, values and Boolean operators / parentheses.

WEB OF SCIENCE™



Search

All Databases

My Tools

Search History

Marked List

Welcome to the new Web of Science! [View a brief tutorial.](#)

Basic Search

rapid solidification

Topic

OR

melt spinning

Topic

Search

Search

[Click here for tips to improve your search.](#)

[+ Add Another Field](#) | [Reset Form](#)

TIMESPAN

All years

From 1965 to 2015

WEB OF SCIENCE™



Results: 18,200

(from All Databases)
(Number of results is approximate)

You searched for: TOPIC: (rapid solidification) OR TOPIC: (melt spinning) ...More

Refine Results

Search within results for...

Databases

Research Domains

- SCIENCE TECHNOLOGY
- SOCIAL SCIENCES
- ARTS HUMANITIES

Refine

Sort by:

- Relevance
- Publication Date -- newest to oldest
- Publication Date -- oldest to newest
- Recently Added
- Times Cited -- highest to lowest
- Times Cited -- lowest to highest
- Usage Count -- Last 180 days
- Usage Count -- Since 2013
- Relevance
- First Author -- A to Z

Page 1 of 1,820

Select

1.

Times Cited -- lowest to highest

Note online

Add to Marked List

Citation Report feature not available. [?]

un ribbons

Times Cited: 4
(from All Databases)

Usage Count

2.

Magnetocaloric effect and refrigerant capacity in melt-spun Gd-Mn alloys

By: Jayaraman, Tanjore V.; Boone, Laura; Shield, Jeffrey E.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 345 Pages: 153-158
Published: NOV 2013

Full Text from Publisher

View Abstract

Times Cited: 1
(from All Databases)

Usage Count

3.

Microstructure and tailoring hydrogenation performance of Y-doped Mg₂Ni alloys

By: Song, Wenjie; Li, Jinshan; Zhang, Tiebang; et al.
JOURNAL OF POWER SOURCES Volume: 245 Pages: 808-815 Published: JAN 1 2014

Full Text from Publisher

View Abstract

Times Cited: 5
(from All Databases)

Usage Count

Looking at the search results

- ▶ Publication Date – newest to oldest : What is the latest in this area?
- ▶ Publication Date – oldest to newest : What are the early publications in this area?
- ★▶ Times cited – highest to lowest : What are the most referred publications in this area?
- ▶ Times cited – lowest to highest : What are the least referred or ignored publications in this area?
- ▶ Usage count – Last 180 days : What publications are picked up by most users in the last 6 months on this portal?
- ▶ Usage count – Since 2013 : What publications are picked up by most users on this portal?
- ▶ Relevance – What publications match the search criteria closest?
- ▶ First Author, Conference Title – A to Z / Z to A, Recently Added etc.

1. Sort by different modes

Sort by: Relevance

Page 1 of 1,820

Add the selected records to your Marked List.

Select Page Save to EndNote online Add to Marked List

2. Select the relevant publications



1. Magnetic properties of Mn-Bi melt-spun ribbons
By: Saito, Tetsuji; Nishimura, Ryuji; Nishio-Hamane, Daisuke
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 349
Pages: 9-14 Published: JAN 2014

Times Cited: 4
(from All Databases)

Usage Count

Full Text from Publisher View Abstract



2. Magnetocaloric effect and refrigerant capacity in melt-spun Gd-Mn alloys
By: Jayaraman, Tanjore V.; Boone, Laura; Shield, Jeffrey E.
JOURNAL OF MAGNETISM AND MAGNETIC MATERIALS Volume: 345
Pages: 153-158 Published: NOV 2013

Times Cited: 1
(from All Databases)

Usage Count

Full Text from Publisher View Abstract



3. Microstructure and tailoring hydrogenation performance of Y-doped

Times Cited: 5

4. Total number of marked items should be listed here.

3. Add to Marked List

Search within results for...

Databases

Research Domains

- SCIENCE TECHNOLOGY
- SOCIAL SCIENCES
- ARTS HUMANITIES

Steps to collecting the reference items

- ▶ Under each method of sorting the search results, “select” those you feel are important for your literature survey by “checking the box” against those items.
- ▶ Click on the button “Add to Marked List” to add these to your cart.
- ▶ The “Marked List” tab shows how many items are in the list currently.
- ▶ Once you are done collecting, click on the “Marked List tab” to proceed to the 3 step process of collecting the data.
 - ▶ Step 1: Select records (within this Marked List – usually all)
 - ▶ Step 2: Select content (choose abstract also, helps in identifying which publications to find the full text of)
 - ▶ Step 3: Select destination (choose Save to EndNote online)

Marked List 12 records

Your Marked List contains records from 1 database(s).
For bibliographic data, you can output summary data for all records using the "total records" view, or output more product-specific data from each listed database.

12 total records on the Marked List

Output author, title, source, abstract, and times cited for all records in the Marked List.

Clear Marked List

Output Records [Hide Output Options]

Step 1: Select records.

- All records in this list (up to 500)
- All records on page
- Records to

Step 2: Select content.

Select from the fields below:

Step 3: Select destination. [\[Learn about saving to bibliographic software\]](#)

  Save to EndNote online

- Select All | [Reset](#) | [Save Custom Settings](#)
- | | | | |
|---|---|---|--|
| <input checked="" type="checkbox"/> Author(s) / Editor(s) | <input checked="" type="checkbox"/> Title | <input checked="" type="checkbox"/> Source | <input checked="" type="checkbox"/> Author Identifiers |
| <input checked="" type="checkbox"/> Abstract* | <input checked="" type="checkbox"/> Times Cited | <input checked="" type="checkbox"/> ISSN / ISBN | <input type="checkbox"/> Usage Count |

*Selecting these items will increase the processing time.

12 records from Web of Science™ Core Collection

Output complete data from this product for these records.

WEB OF SCIENCE™



Marked List 12 records

Your Marked List contains records from 1 database(s).
For bibliographic data, you can output summary data for all records using the "total records" view, or output more product-specific data from each listed database.

12 total records on the Marked List
Output author, title, source, abstract, and time

Output Records [- Hide Output

Step 1: Select records.

- All records in this list (up to 500)
- All records on page
- Records to

- Select All | [Reset](#) | [Save Custom Settings](#)
- | | | | |
|---|---|---|--|
| <input checked="" type="checkbox"/> Author(s) / Editor(s) | <input checked="" type="checkbox"/> Title | <input checked="" type="checkbox"/> Source | <input checked="" type="checkbox"/> Author Identifiers |
| <input checked="" type="checkbox"/> Abstract* | <input checked="" type="checkbox"/> Times Cited | <input checked="" type="checkbox"/> ISSN / ISBN | <input type="checkbox"/> Usage Count |
- *Selecting these items will increase the processing time.*

Sending Records to my.endnote.com [X]

Sending 12 records...

Select from the fields below: [Save to EndNote online](#) [v]

[Clear Marked List](#)

Click on "Save to EndNote online" button to export the items. You may be prompted to login to EndNote.

12 records from **Web of Science™ Core Collection**
Output complete data from this product for these records.

Viewing the exported items in EndNote

- ▶ Once the dialogue to export the items to EndNote online has completed, login to endnote.com portal in a separate tab of your browser.
- ▶ Click on the link “[Unfiled]” under “All My References” in the left hand sidebar.
- ▶ You should see the same set of items here as you have exported from WebofScience portal.

ENDNOTE™



My References Collect Organize Format Match **NEW!**

Notice we have switched tab to EndNote Web

Click here to see the list below exported by Web of Science in to your profile on EndNote

Hide panel

Quick Search

Search for

in All My References

Search

My References

All My References (73)

[Unfiled] (14)

Quick List (0)

Trash (26) Empty

My Groups

LaserWelding_P1 (2)

ResearcherID

My Publications (57)

Publication List 1 (0)

Publication List 2 (0)

[Unfiled]

Show 10 per page

Page 1 of 2 Go

All Page Add to group... Copy To Quick List Delete Sort by: First Author -- A to Z

Author	Year	Title
<input type="checkbox"/> Aziz, M. J.	1982	MODEL FOR SOLUTE REDISTRIBUTION DURING RAPID SOLIDIFICATION Journal of Applied Physics Added to Library: 15 Dec 2015 Last Updated: 15 Dec 2015 View in Web of Science™ → Source Record, Related Records, Times Cited: 592
<input type="checkbox"/> He, Yinshui	2016	Weld seam profile detection and feature point extraction for multi-pass route planning based on visual attention model Robotics and Computer-Integrated Manufacturing Added to Library: 15 Dec 2015 Last Updated: 15 Dec 2015 View in Web of Science™ → Source Record, Related Records, Times Cited: 0
<input type="checkbox"/> Hussain, M.	2016	Composition related magnetic properties and coercivity mechanism for melt spun (La_{0.5}Ce_{0.5})(1-x)RE_x(10)Fe₈₄B₆ (RE=Nd or Dy) nanocomposite alloys Journal of Magnetism and Magnetic Materials Added to Library: 15 Dec 2015 Last Updated: 15 Dec 2015 View in Web of Science™ → Source Record, Related Records, Times Cited: 0
<input type="checkbox"/> Javaraman, Tanjore V.	2013	Magnetocaloric effect and refrigerant capacity in melt-spun Gd-Mn alloys

Save the list and export

- ▶ Click on “[Unfiled]” link to view all the items
- ▶ Click on the checkbox “All” to select all the items
- ▶ Choose “New group” under the drop down menu “Add to Group” and give a nice name to this list
- ▶ This new list will now appear under “My Groups”.
- ▶ Click on the tab “Format” and choose “Export references”
- ▶ Under Export References, choose the new group of references you just made, choose the Export style to “BibTeX Export” and click on the “save” button to have the data reach your desktop as a text file “exportlist.txt”
- ▶ Rename the text file preferably same as the name of the group you created on EndNote web and keep the extension as “.bib”.

Export References

References: - RSPMeltSpinning

Export style: BibTeX Export

Save E-Mail Preview & Print

Choose the options for References, Export style and click on 'save' button to save the references as a text file on your desktop

How does this file look like?

In notepad:

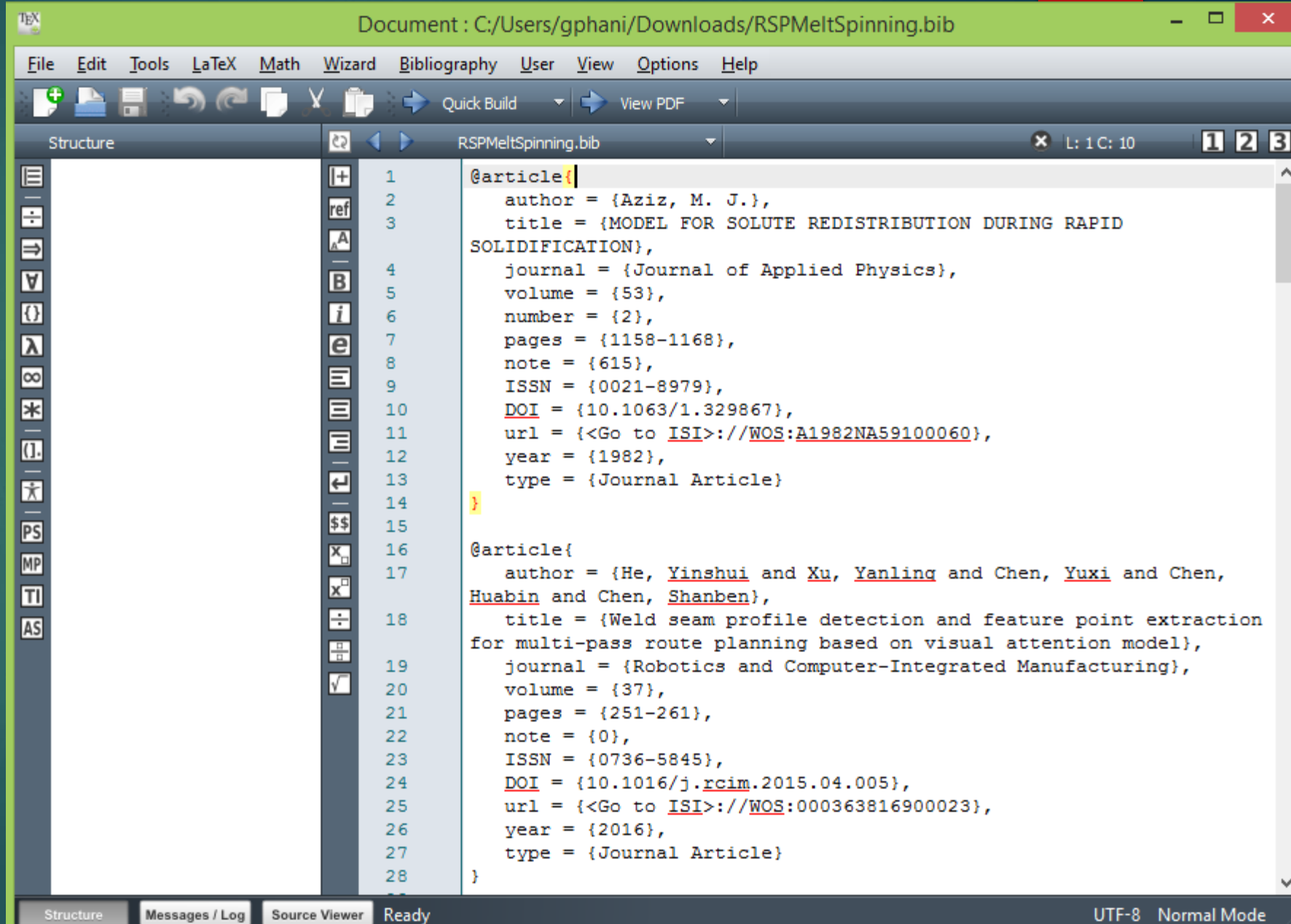
```
RSPMeltSpinning.bib - Notepad
File Edit Format View Help
@article{ author = {Aziz, M. J.}, title = {MODEL FOR SOLUTE REDISTRIBUTION DURING RAPID
SOLIDIFICATION}, journal = {Journal of Applied Physics}, volume = {53}, number = {2},
pages = {1158-1168}, note = {615}, ISSN = {0021-8979}, DOI = {10.1063/1.329867},
url = {<Go to ISI>://WOS:A1982NA59100060}, year = {1982}, type = {Journal Article}}
@article{ author = {He, Yinshui and Xu, Yanling and Chen, Yuxi and Chen, Huabin and Chen,
Shanben}, title = {Weld seam profile detection and feature point extraction for multi-
pass route planning based on visual attention model}, journal = {Robotics and Computer-
Integrated Manufacturing}, volume = {37}, pages = {251-261}, note = {0}, ISSN =
{0736-5845}, DOI = {10.1016/j.rcim.2015.04.005}, url = {<Go to
ISI>://WOS:000363816900023}, year = {2016}, type = {Journal Article}}

@article{ author = {Hussain, M. and Liu, J. and Zhao, L. Z. and Zhong, X. C. and Zhang,
G. Q. and Liu, Z. W.}, title = {Composition related magnetic properties and coercivity
mechanism for melt spun (La0.5Ce0.5)(1-x)REx (10)Fe84B6 (RE=Nd or Dy) nanocomposite
alloys}, journal = {Journal of Magnetism and Magnetic Materials}, volume = {399},
pages = {26-31}, note = {0}, ISSN = {0304-8853}, DOI = {10.1016/j.jmmm.2015.09.051},
url = {<Go to ISI>://WOS:000363463700006}, year = {2016}, type = {Journal Article}}
@article{ author = {Jayaraman, Tanjore V. and Boone, Laura and Shield, Jeffrey E.},
title = {Magnetocaloric effect and refrigerant capacity in melt-spun Gd-Mn alloys},
journal = {Journal of Magnetism and Magnetic Materials}, volume = {345}, pages = {153-
158}, note = {1}, ISSN = {0304-8853}, DOI = {10.1016/j.jmmm.2013.06.016}, url =
{<Go to ISI>://WOS:000324045300027}, year = {2013}, type = {Journal Article}}

@article{ author = {Karakose, Ercan and Kilicaslan, M. Fatih and Colak, Hakan}, title =
{Formation of novel rice-like intermetallic phases and changes in the mechanical,
microstructural and electrical properties of Sn-5Sb alloys with addition Ag and Bi},
journal = {Journal of Alloys and Compounds}, volume = {655}, pages = {378-388}, note
= {0}, ISSN = {0925-8388}, DOI = {10.1016/j.jallcom.2015.09.057}, url = {<Go to
ISI>://WOS:000364603100051}, year = {2016}, type = {Journal Article}}@article{ author
= {Kase, S. and Matsuo, T.}, title = {STUDIES ON MELT SPINNING .I. FUNDAMENTAL EQUATIONS
ON DYNAMICS OF MELT SPINNING}, journal = {Journal of Polymer Science Part a-General
Papers}, volume = {3}, number = {7PA}, pages = {2541-&}, note = {277}, ISSN =
```

How does this file look like?

In TeXmaker:



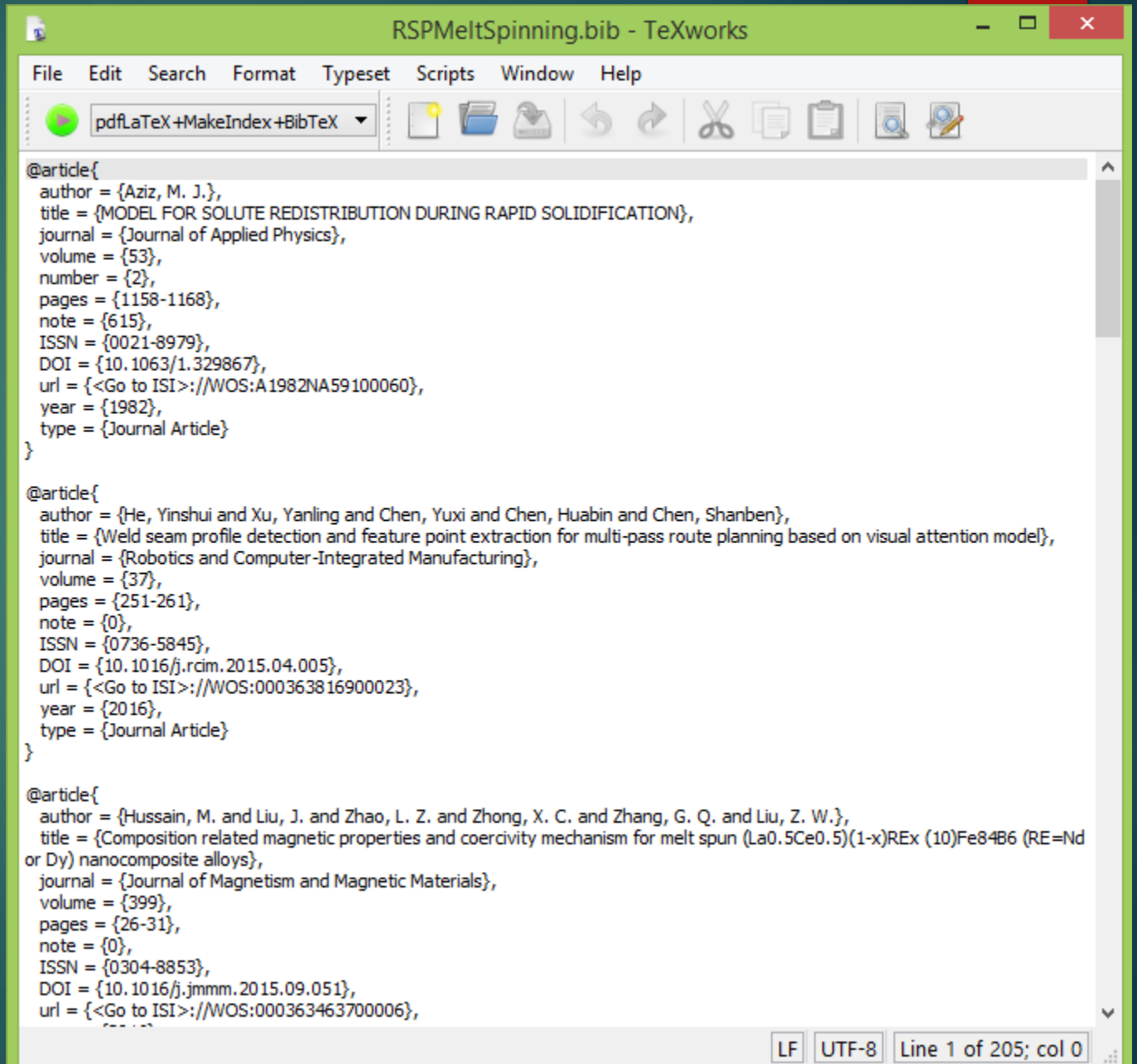
The screenshot shows the TeXmaker interface with a document titled "Document : C:/Users/gphani/Downloads/RSPMeltSpinning.bib". The main editor displays the following BibTeX code:

```
1 @article{
2   author = {Aziz, M. J.},
3   title = {MODEL FOR SOLUTE REDISTRIBUTION DURING RAPID
4   SOLIDIFICATION},
5   journal = {Journal of Applied Physics},
6   volume = {53},
7   number = {2},
8   pages = {1158-1168},
9   note = {615},
10  ISSN = {0021-8979},
11  DOI = {10.1063/1.329867},
12  url = {<Go to ISI>://WOS:A1982NA59100060},
13  year = {1982},
14  type = {Journal Article}
15 }
16
17 @article{
18   author = {He, Yinshui and Xu, Yanling and Chen, Yuxi and Chen,
19   Huabin and Chen, Shanben},
20   title = {Weld seam profile detection and feature point extraction
21   for multi-pass route planning based on visual attention model},
22   journal = {Robotics and Computer-Integrated Manufacturing},
23   volume = {37},
24   pages = {251-261},
25   note = {0},
26   ISSN = {0736-5845},
27   DOI = {10.1016/j.rcim.2015.04.005},
28   url = {<Go to ISI>://WOS:000363816900023},
29   year = {2016},
30   type = {Journal Article}
31 }
```

The interface includes a menu bar (File, Edit, Tools, LaTeX, Math, Wizard, Bibliography, User, View, Options, Help), a toolbar with icons for file operations and building, a Structure pane on the left, and a status bar at the bottom showing "Structure", "Messages / Log", "Source Viewer", "Ready", and "UTF-8 Normal Mode".

How does this file look like?

In TeXworks:



```
RSPMeltSpinning.bib - TeXworks
File Edit Search Format Typeset Scripts Window Help
pdfLaTeX+MakeIndex+BibTeX
@article{
  author = {Aziz, M. J.},
  title = {MODEL FOR SOLUTE REDISTRIBUTION DURING RAPID SOLIDIFICATION},
  journal = {Journal of Applied Physics},
  volume = {53},
  number = {2},
  pages = {1158-1168},
  note = {615},
  ISSN = {0021-8979},
  DOI = {10.1063/1.329867},
  url = {<Go to ISI>://WOS:A1982NA59100060},
  year = {1982},
  type = {Journal Article}
}

@article{
  author = {He, Yinshui and Xu, Yanling and Chen, Yuxi and Chen, Huabin and Chen, Shanben},
  title = {Weld seam profile detection and feature point extraction for multi-pass route planning based on visual attention model},
  journal = {Robotics and Computer-Integrated Manufacturing},
  volume = {37},
  pages = {251-261},
  note = {0},
  ISSN = {0736-5845},
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  author = {Hussain, M. and Liu, J. and Zhao, L. Z. and Zhong, X. C. and Zhang, G. Q. and Liu, Z. W.},
  title = {Composition related magnetic properties and coercivity mechanism for melt spun (La0.5Ce0.5)(1-x)REx (10)Fe84B6 (RE=Nd or Dy) nanocomposite alloys},
  journal = {Journal of Magnetism and Magnetic Materials},
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#	Ranking	Entry...	Author ^	Title ^	Y...	Journal	Bibtexkey
1		Article	Aziz	MODEL FOR SOLUTE REDISTRIBUTION DURING RAPID SOLIDIFICATI...	1982	Journal of Applied ...	Aziz1982
2		Article	He et al.	Weld seam profile detection and feature point extraction for multi-pass ro...	2016	Robotics and Com...	HeXuChenEtA...
3		Article	Hussain et al.	Composition related magnetic properties and coercivity mechanism for ...	2016	Journal of Magneti...	HussainLiuZh...
4		Article	Jayaraman et al.	Magnetocaloric effect and refrigerant capacity in melt-spun Gd-Mn alloys	2013	Journal of Magneti...	JayaramanBo...
5		Article	Karakose et al.	Formation of novel rice-like intermetallic phases and changes in the mec...	2016	Journal of Alloys a...	KarakoseKilic...
6		Article	Kase and Matsuo	STUDIES ON MELT SPINNING .2. STEADY-STATE AND TRANSIENT SOL...	1967	Journal of Applied ...	KaseMatsuo1...
7		Article	Kase and Matsuo	STUDIES ON MELT SPINNING .I. FUNDAMENTAL EQUATIONS ON DYNA...	1965	Journal of Polymer...	KaseMatsuo1...
8		Article	Katayama et al.	STRUCTURAL FORMATION DURING MELT SPINNING PROCESS	1968	Kolloid-Zeitschrift ...	KatayamaAm...
9		Article	Kurz et al.	THEORY OF MICROSTRUCTURAL DEVELOPMENT DURING RAPID SOL...	1986	Acta Metallurgica	KurzGiovanoI...
10		Article	Saito et al.	Magnetic properties of Mn-Bi melt-spun ribbons	2014	Journal of Magneti...	SaitoNishimu...
11		Article	Song et al.	Microstructure and tailoring hydrogenation performance of Y-doped Mg2N...	2014	Journal of Power S...	SongLiZhang...
12		Article	Wang et al.	Effect of the volume fraction of the ex-situ reinforced Ta additions on the ...	2016	Intermetallics	WangWuLiu2...
13		Article	Yu et al.	Achieving an enhanced magneto-caloric effect by melt spinning a Gd55Co...	2016	.Journal of Alloys a	YuZhangCuiF

Article (Aziz1982)

Aziz, M. J.

MODEL FOR SOLUTE REDISTRIBUTION DURING RAPID SOLIDIFICATION

Journal of Applied Physics, **1982**, 53, 1158-1168

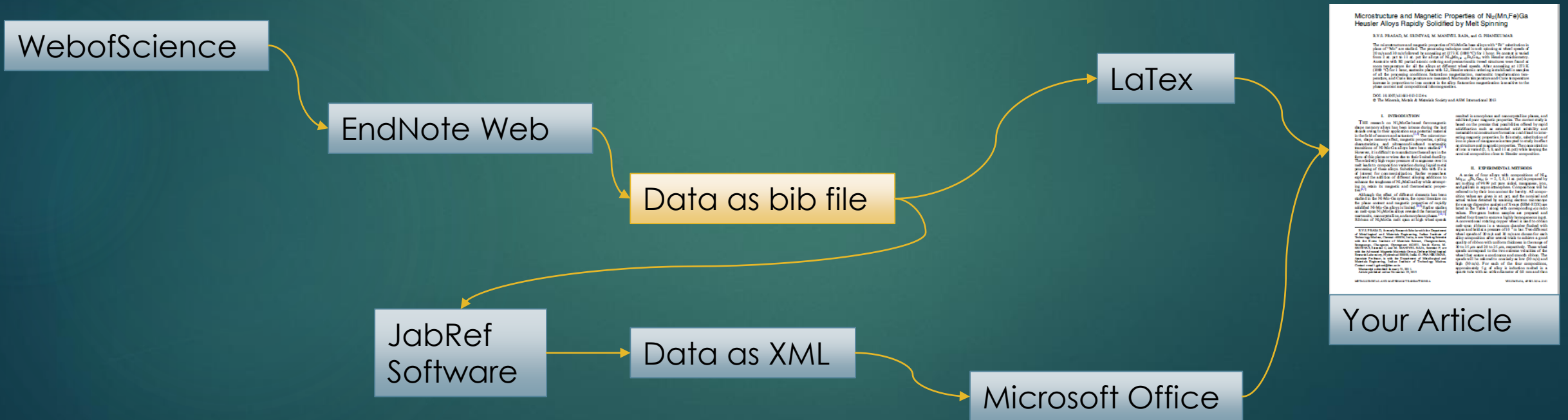
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