

The screenshot shows the ISI Web of Knowledge interface in a Windows Internet Explorer browser. The address bar contains the URL <http://apps.isiknowledge.com/>, which is highlighted with a red circle and the number 1. The page features a green header with the text "ISI Web of KnowledgeSM" and "DISCOVER the new Web of Knowl". Below the header, there are navigation tabs: "All Databases", "Select a Database", "Web of Science", and "Additional Resources". The "Additional Resources" tab is highlighted with a red circle and the number 2. The main content area includes a search section with the heading "ALL DATABASES" and a "Search for:" label. There are three search input fields with dropdown menus for "Topic", "Author", and "Publication Name". Each field has a search icon to its right. Below the first field is an example: "Example: oil spill* mediterranean". Below the second field is an example: "Example: O'Brian C* OR OBrian C*". Below the third field is an example: "Example: Cancer* OR Journal of Cancer Research and Clinical Oncology". There is also a link "Add Another Field >>". On the right side, there is a sidebar with the text "Universiti Tekno Malay" and a section titled "Support, Tools, Training & Support" with a list of links: "Download quick Recorded Training", "Access addition Resources", and "More questions Help files.". Below this is a section titled "Customize You" with links "Sign In | Register".

1. Go to hyperlink <http://apps.webofknowledge.com/>
2. Click "Additional Resources"

The screenshot shows the ISI Web of Knowledge website interface. At the top, there is a navigation bar with the following links: Sign In, My EndNote Web, My ResearcherID, My Citation Alerts, My Saved Searches, Log Out, and Help. Below this is a green header with the ISI Web of Knowledge logo and a button that says "DISCOVER the new Web of Knowledge now! >".

The main content area is divided into several sections:

- All Databases**: A tab that is currently selected.
- Select a Database**: A tab that is currently selected.
- Web of Science**: A tab that is currently selected.
- Additional Resources**: A tab that is currently selected.

Under the "Additional Resources" tab, there are two main columns of content:

- Analytical Tools:**
 - Journal Citation Reports**: This link is highlighted with a red circle containing the number 3. Below it, the text reads: "Journal performance metrics offer a systematic, objective means to critically evaluate the world's leading journals". It includes a bulleted list: "Delivers quantifiable statistical information based on citation data", "Provides a variety of impact and influence metrics, including the Journal Impact Factor and Eigenfactor™", and "Includes rank-in-category tables, journal self-citations, and Impact Factor boxplots".
- Web Search Tools:**
 - Scientific WebPlus**: Below this link, the text reads: "Find scientifically relevant Web content fast! Search the open Web and quickly see the most relevant content for the".

On the right side of the page, there is a sidebar with the following content:

- Web Sites:**
 - ISI HighlyCited.com**: "This free, expert gateway uses citation data to deliver comprehensive information about the most significant scientists and scholars publishing today."
 - BiologyBrowser**: "A free database of resources and links for the life sciences information community."
 - Index to Organism Names**: "The world's largest online database of scientific organism names."
 - ResearcherID.com**: "ResearcherID provides the global research community with".
- Universiti Teknologi Malaysia**: A logo with the text "MORE INFORMATI FOR NEW US".
- How can I use these resources?**: "These products and Web sites provi a variety of data and analysis relevan to research." Below this, it says "Read help for more information."

3. Click "Journal Citation Reports"

JCR-Web 4.5 Welcome - Windows Internet Explorer

http://admin-apps.isiknowledge.com/JCR/JCR?SID=W2c6gMLMh7b3nh64681

ISI Web of KnowledgeSM

Journal Citation Reports[®]

[Information for New Use](#)

Select a JCR edition and year: **4**

Select an option: **5**

JCR Science Edition 2010
 JCR Social Sciences 2009 2010
2008
2007
2006

View a group of journals by Subject Category
 Search for a specific journal
 View all journals

6 SUBMIT

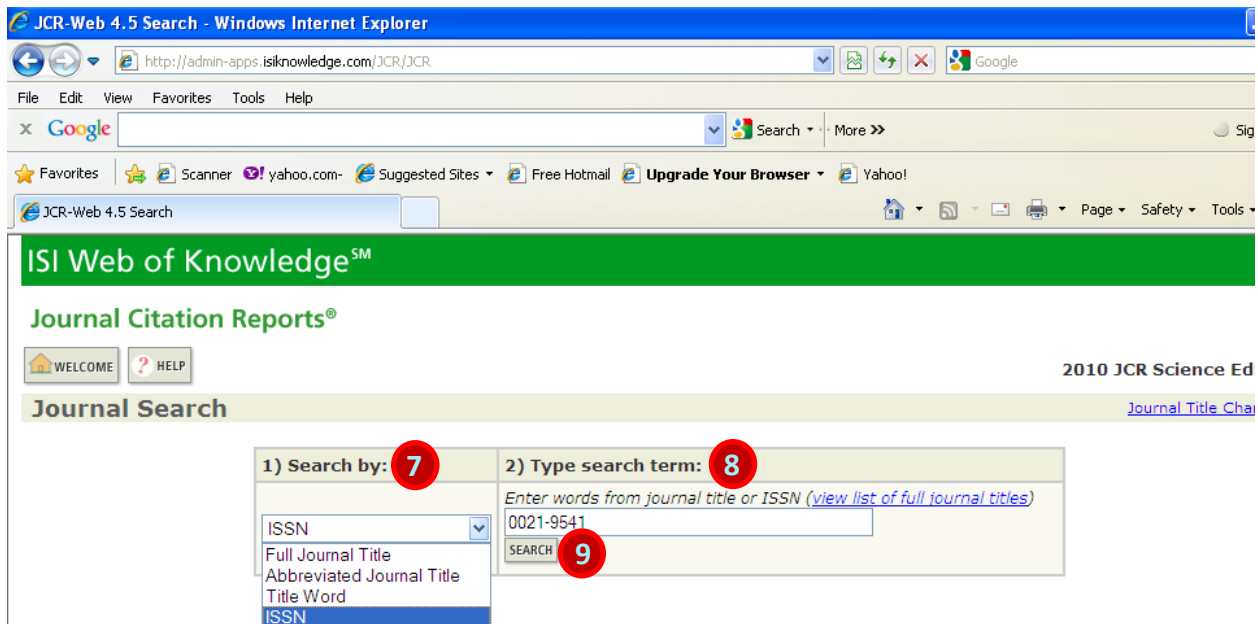
This product is best viewed in 800x600 or higher resolution

NOTICES

The Notices file was last updated Mon Jul 4 11:24:25 2011

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4. Select a “**JCR edition and year**” base on the field of your journal.
ie; science or social science field
5. Click “**Search for a specific journal**” in selects an option column
6. Click “**SUBMIT**” button



7. Select category of searching in “**Search by**” column

8. Insert the information needed according to your searching category in “**Type search term**”

Examples:

- i. Full Journal Title : Enter **JOURNAL OF CELLULAR PHYSIOLOGY**
or **JOURNAL OF CELL**
- ii. Abbreviated Journal Title : Enter **J CELL PHYSIOL** or **J CELL**
- iii. Title Word : Enter **CELLULAR** or **CELL**
- iv. ISSN : Enter **0021-9541** or other ISSN

9. Click “**SEARCH**” button

JCR-Web 4.5 Journal Summary List - Windows Internet Explorer

http://admin-apps.isiknowledge.com/JCR/JCR?RQ=LIST_SUMMARY_JOURNAL

WELCOME HELP 2010 JCR Science Ed

Journal Summary List

Journals from: search ISSN for '0021-9541'

Sorted by: Journal Title SORT AGAIN

Journals 1 - 1 (of 1) Page 1

MARK ALL UPDATE MARKED LIST

Ranking is based on your journal and sort selections.

Mark	Rank	Abbreviated Journal Title (linked to journal information)	ISSN	JCR Data					Eigenfactor™ Metrics		
				Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Articles	Cited Half-life	Eigenfactor™ Score	Article Influence™ Score
<input type="checkbox"/>	1	J CELL PHYSIOL	0021-9541	14920	3.986	4.217	0.805	379	5.7	0.04930	1.428

MARK ALL UPDATE MARKED LIST

10. Click at the **abbreviated journal title** to view journal information

JCR-Web 4.5 Journal Information - Windows Internet Explorer

http://admin-apps.isiknowledge.com/JCR/JCR?RQ=RECORD&rank=1&journal=J+CELL+PHYSIOL

File View Favorites Tools Help

Print... Ctrl+P

JOURNAL OF CELLULAR PHYSIOLOGY

Journal Title	ISSN	Total Cites	Impact Factor	5-Year Impact Factor	Immediacy Index	Citable Items	Cited Half-life	Citi Half-
J CELL PHYSIOL	0021-9541	14920	3.986	4.217	0.805	379	5.7	6.

Cited Journal Citing Journal Source Data Journal Self Cites

CITED JOURNAL DATA CITING JOURNAL DATA IMPACT FACTOR TREND RELATED JOURNALS

Journal Information

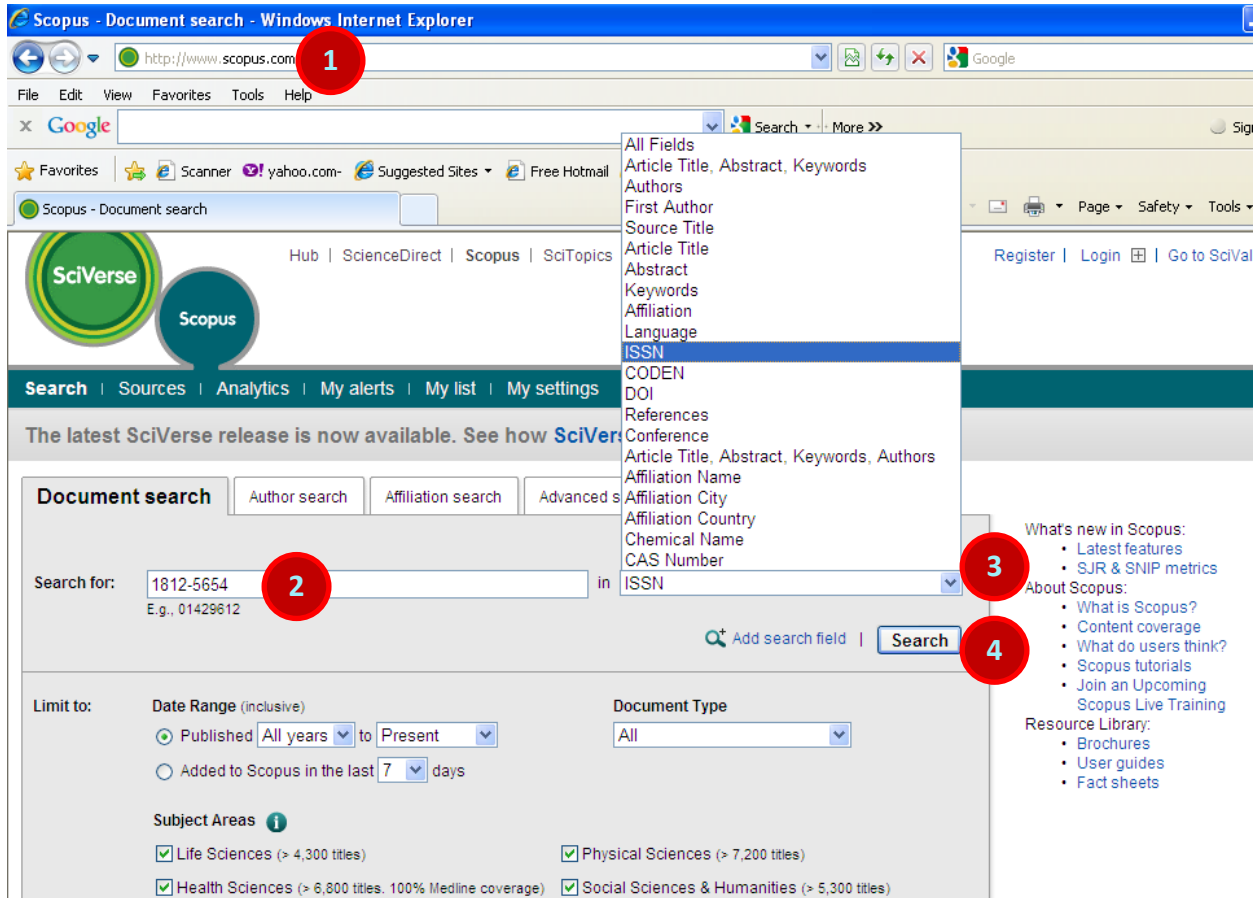
Full Journal Title: JOURNAL OF CELLULAR PHYSIOLOGY
 ISO Abbrev. Title: J. Cell. Physiol.
 JCR Abbrev. Title: J CELL PHYSIOL
 ISSN: 0021-9541
 Issues/Year: 12
 Language: ENGLISH
 Journal Country/Territory: UNITED STATES
 Publisher: WILEY-BLACKWELL
 Publisher Address: COMMERCE PLACE, 350 MAIN ST, MALDEN 02148, MA,
 Subject Categories: CELL BIOLOGY

Eigenfactor™ Metrics
 Eigenfactor™ Score: 0.04930
 Article Influence™ Score: 1.428

11. Impact Factor of the journal for reference

12. Click at "File" tab

13. Select "Print" then submit the hardcopy of this webpage as a proof of journal indexing in your publication incentive claim application.



1. Go to hyperlink www.scopus.com
2. Insert the information needed in “Search for” column
Example; ISSN : 1812-5654
3. Select “ISSN” or any other category
4. Click “Search” button

Scopus - Document search results - Windows Internet Explorer

http://www.scopus.com/results/results.url?sort=plf-f&src=s&st1=1812-5654&sid=wtkO_5r5Xig_W01b5m-

File Edit View Favorites Tools Help

Google Search More >>

Scopus - Document search results

Hub | ScienceDirect | Scopus | SciTopics | Applications Register | Login | Go to SciVal

SciVerse Scopus

Search | Sources | Analytics | My alerts | My list | My settings

Quick Search Search

Scopus: 3,201 More... Web Patents

Your query: ISSN(1812-5654) | Edit | Save | Set alert | Set feed | View search history

Document results: 3,201 | Show all abstracts Go to page: 1 of 161 Go | Ne

Search within results

Artificial neural network Search

Refine results

Limit to Exclude

Year

<input type="checkbox"/> 2011	(382) >
<input type="checkbox"/> 2010	(448) >
<input type="checkbox"/> 2009	(554) >
<input type="checkbox"/> 2008	(647) >

All page

With selected:

Download PDF | Export | Print | Email | Create bibliography | Add to My List | View citation overview | View citations | View references

Sort by Date (Newest)

	Document title	Author(s)	Date	Source title	Citat
<input type="checkbox"/> 1	Magnetic field exposure assessment of electric power substation in high rise building	Rahman, N.A., Rashid, N.A., Mahadi, W.N., Rasol, Z.	2011	Journal of Applied Sciences 11 (6), pp. 953-961	0
View at publisher Show abstract Related documents					
<input type="checkbox"/> 2	Initial-boundary value problem for some class of nonlinear degenerate pseudo parabolic inequalities	Lotfekar, R.	2011	Journal of Applied Sciences 11 (6), pp. 1054-1057	0

5. Insert title of article in “Search within results”
6. Click “Search” button

Scopus - Document search results - Windows Internet Explorer

http://www.scopus.com/results/results.url?sort=plf-f&src=s&st1=1812-5654&nlo=&nlr=&nls=&sid=wtkO

File Edit View Favorites Tools Help

Google Search More >>

Scopus - Document search results

Scopus: 2 More... Web Patents

Your query: (ISSN(1812-5654)) AND (artificial neural networks to predict of liquidus temperature in hypoeutectic al-si cast alloys) Edit Save Set alert Set feed View search history

Document results: 2 | Show all abstracts Page: 1

Search within results Search

Refine results Limit to Exclude

Year 2011 (1) > 2010 (1) > View fewer

Author Name

With selected: Download PDF Export Print Email Create bibliography Add to My List View citation overview View citations View references

Sort by Date (Newest)

	Document title	Author(s)	Date	Source title	Citat
<input type="checkbox"/>	Energy cost modeling for high speed hard turning	Al-Hazza, M.H.F., Adesta, D.Y.T., Ali, A.M., Agusman, D., Suprianto, M.Y.	2011	Journal of Applied Sciences 11 (14), pp. 2578-2584	0
<input checked="" type="checkbox"/>	Artificial neural networks to predict of liquidus temperature in hypoeutectic Al-Si cast alloys	Farahany, S., Erfani, M., Karamoozian, A., Ourdjini, A., Idris, M.H.	2010	Journal of Applied Sciences 10 (24), pp. 3243-3249	1

View at publisher | Show abstract | Related documents

7. Click at the title of article to view journal information

Scopus - Document details - Windows Internet Explorer

http://www.scopus.com/record/display.url?eid=2-s2.0-78049364718&origin=resultslist&sort=plf-f8src=s8

File **8** Favorites Tools Help

Scopus - Document details

Download PDF | Export | Print | E-mail | Create bibliography | Add to My List

Journal of Applied Sciences
Volume 10, Issue 24, 2010, Pages 3243-3249

ISSN: 18125654
Document Type: Article
Source Type: Journal

[View at publisher](#) | [View in EMBASE](#) | [View references \(26\)](#)

Artificial neural networks to predict of liquidus temperature in hypoeutectic Al-Si cast alloys

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Abstract

Determining the **liquidus temperature** of **cast alloys** is an important factor in considering the superheating **temperature** and melt treatment of aluminium-silicon **cast alloys**. In addition to experimental calculation, the **liquidus temperature** can also be determined using simulation software for more reliable results. In this study, **Artificial Neural Network (ANN)** with hyperbolic tangent was selected to **predict the liquidus temperature** of **Al-Si alloys** as a function of chemical composition. The **neural network** was trained with seven input parameters (**Si, Fe, Cu, Mn, Mg, Zn and Ti**) and one output parameter (**liquidus temperature**). Training and testing dataset has been chosen from different published works, any casting software and aluminium binary phase diagrams. The accuracy of **neural network** was verified using values reported in literatures. The result of this investigation has shown that the backpropagation feed forward **neural network** is accurate enough to **predict liquidus temperature**. © 2010 Asian Network for Scientific Information.

Cited by since 1996

This article has been cited 1 time in Scopus:

Al-Hazza, M.H.F., Adesta, D.Y.T., Ali, A.M.
Energy cost modeling for high speed hard turning
(2011) *Journal of Applied Sciences*

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Related documents

Showing the 2 most relevant related documents by all shared references:

Hernandez, F.C.R., Djurdjevic, M.B., Kierkus, W.T.
Calculation of the liquidus temperature for hypo and hypereutectic aluminum silicon alloys
(2005) *Materials Science and Engineering A*

Djurdjevic, M.B., Francis, R., Sokolowski, J.H.
Comparison of different analytical methods for the calculation of latent heat of solidification of 3XX aluminum alloys
(2004) *Materials Science and Engineering A*

[View all related documents based on all shared](#)

8. Go to File tab, and then print this webpage as proof of journal indexing.