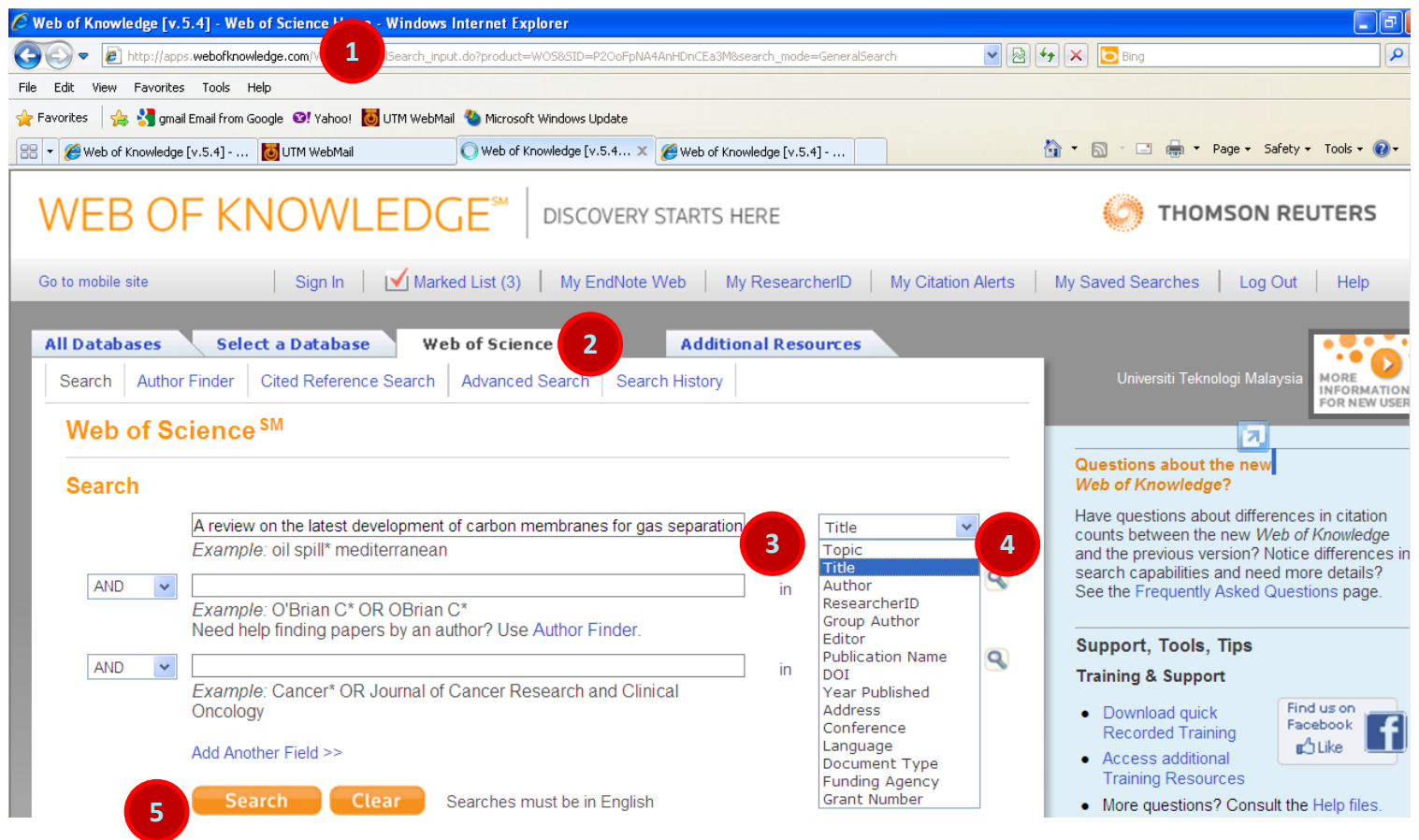


## CITATIONS IN WOS/ISI

Times Cited count indicates the number of times a published paper was cited by other papers from *Web of Knowledge* product databases.

The number of citing articles you can view on the [Citing Articles](#) page *may* be smaller than the number listed in the Times Cited count on the Results and Full Records pages if your institution's subscription does not include all years and all citation indexes.



The screenshot shows the Web of Knowledge search interface. Red circles with numbers 1 through 5 highlight key steps: 1. The search input field containing the example text. 2. The 'Web of Science' tab selected in the 'Select a Database' section. 3. The search input field containing the example text. 4. The 'Title' dropdown menu selected in the search criteria. 5. The 'Search' button.

1. Go to hyperlink <http://apps.webofknowledge.com/>.
2. Click “Web of Science” tab.
3. Type title of article.  
Example : *A review on the latest development of carbon membranes for gas separation*
4. Select “Title”.
5. Click “Search”.

Web of Knowledge [v.5.4] - Web of Science Results - Windows Internet Explorer

http://apps.webofknowledge.com/summary.do?SID=P2OoFpNA4AnHdnCEa3M&product=WOS&qid=45&search\_mode=GeneralSearch

File Edit View Favorites Tools Help

Web of Knowledge [v.5.4] - ... UTM WebMail

Sign In |  Marked List (3) | My EndNote Web | My ResearcherID | My Citation Alerts | My Saved Searches | Log Out | Help

All Databases | Select a Database | Web of Science | Additional Resources

Search | Author Finder | Cited Reference Search | Advanced Search | Search History

### Web of Science<sup>SM</sup>

**Results** Title=(A review on the latest development of carbon membranes for gas separation)  
Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH.  
Lemmatization=On [Scientific WebPlus](#) [View Web Results >>](#)

**Note:** Alternative forms of your search term (for example, tooth and teeth) may have been applied, in particular for Topic or Title searches that do not contain quotation marks around the terms. To find only exact matches for your terms, turn off the "Lemmatization" option on the search page.

Results: 1 Page 1 of 1 Go Sort by: Times Cited -- highest to lowest

**Refine Results**  
Search within results for    
Web of Science Categories   
 ENGINEERING CHEMICAL (1)  
 POLYMER SCIENCE (1)  
more options / values...  
Document Types

(3) |  |  | Save to:   
  more options

1. Title: **A review on the latest development of carbon membranes for gas separation** **6**  
Author(s): Ismail AF; David LIB  
Source: JOURNAL OF MEMBRANE SCIENCE Volume: 193 Issue: 1 Pages: 1-18 DOI: 10.1016/S0376-7388(01)00510-5 Published: OCT 31 2001  
Times Cited: 170 (from Web of Science)  
 [  ]

6. Click at the title to view the details of the article.

Web of Knowledge [v.5.4] - Web of Science Full Record - Windows Internet Explorer

http://apps.webofknowledge.com/full\_record.do?product=WOS&search\_mode=GeneralSearch&qid=45&SID=P20oFpNA4AnHDnCEa3M&page=1&doc=1

File Edit Favorites Tools Help

New Ctrl+T  
Duplicate Tab Ctrl+K  
New Window Ctrl+N  
New Session  
Open... Ctrl+O  
Edit  
Save Ctrl+S  
Save As...  
Close Tab Ctrl+W  
Page Setup...  
Print... Ctrl+P  
Print Preview...  
Send  
Import and Export...  
Properties  
Work Offline  
Exit

KNOWLEDGE<sup>SM</sup> | DISCOVERY STARTS HERE

THOMSON REUTERS

Sign In |  Marked List (3) | My EndNote Web | My ResearcherID | My Citation Alerts | My Saved Searches | Log Out | Help

Web of Science

Record 1 of 1

Record from Web of Science<sup>SM</sup>

Full Text

Save to: EndNote Web EndNote ResearcherID more options

**A review on the latest development of carbon membranes for gas separation**

Author(s): Ismail, AF (Ismail, AF); David, LIB (David, LIB)

Source: JOURNAL OF MEMBRANE SCIENCE Volume: 193 Issue: 1 Pages: 1-18 DOI: 10.1016/S0376-7388(01)00510-5 Published: OCT 2001

Times Cited: 170 (from Web of Science)

Cited References: 67 [ view related records ] Citation Map

Abstract: Inorganic membranes have been developed before 1945. The earlier application of inorganic membranes was primarily concentrate on military purpose. Carbon membrane is one type of porous inorganic membrane. Although the concept of carbon membrane for gas separation has been found in the early 1970, the interest to develop carbon membrane only increased since Koresh and Soffer successfully prepared apparently crack-free molecular sieving hollow fiber carbon

**Times Cited: 189**

This article has been cited 189 times in Web of Knowledge.

Teixeira, Miguel. Composite phenolic resin-based carbon molecular sieve membranes for gas separation. CARBON, NOV 2011.

Zhang, Bing. Microporous Carbon Membranes from Sulfonated Poly (phthalazinone ether sulfone ketone): Preparation, Characterization, and Gas

7. Click at "File" tab.
8. Select "Print" (this page as a proof that the article is listed in WOS / ISI).
9. Click at "Times Cited".

The screenshot shows the Web of Knowledge interface in a Windows Internet Explorer browser. The left-hand navigation menu includes categories like REVIEW (16), PROCEEDINGS PAPER (15), LETTER (4), and CORRECTION (1). Under 'Publication Years', the year 2011 is selected, and the 'Refine' button is visible. The main content area displays a list of articles with titles, authors, sources, and publication details. Three red circles with numbers 10, 11, and 12 are overlaid on the image to indicate specific actions: 10 points to the 'Publication Years' section, 11 points to the '2011' selection, and 12 points to the 'Refine' button.

10. Click at "Publication Years".

11. Select "2011".

12. Click "Refine".

10. Click at "Publication Years".

11. Select "2011".

12. Click "Refine".

Web of Knowledge [v.5.4] - Web of Science Results - Windows Internet Explorer

http://apps.webofknowledge.com/summary.do?SID=P2OoFpNA4AnHDnCEa3M&product=WOS&qid=76&search\_mode=Refine

File Edit View Favorites Tools Help

Web of Knowledge [v.5.4] - ... UTM WebMail Microsoft Windows Update

more options / values...

**13** Document Types Refine

- ARTICLE (23)
- REVIEW (2)
- more options / values...

Subject Areas

**14** Authors Refine

- ISMAIL A F (3)
- ISMAIL AF (3)
- WANG TH (3)
- RAFIQ S (2)
- RAFIQ SIKANDER (2)
- more options / values...

Group Authors

Editors

Source Titles

Book Series Titles

Conference Titles

Publication Years

Institutions

Funding Agencies

Languages

Author(s): Zhang Bing; Wu Yonghong; Wang Tonghua; et al.  
Source: JOURNAL OF APPLIED POLYMER SCIENCE Volume: 122 Issue: 2 Pages: 1190-1197 DOI: 10.1002/app.34261 Published: OCT 15 2011  
Times Cited: 0 (from Web of Science)  
Full Text View abstract

3. Title: Recent advances of inorganic fillers in mixed matrix membrane for gas separation  
Author(s): Goh P. S.; Ismail A. F.; Sanip S. M.; et al.  
Source: SEPARATION AND PURIFICATION TECHNOLOGY Volume: 81 Issue: 3 Pages: 243-264 DOI: 10.1016/j.seppur.2011.07.042 Published: OCT 10 2011  
Times Cited: 0 (from Web of Science)  
Full Text View abstract

4. Title: Preparation of asymmetric polysulfone/polyimide blended membranes for CO(2) separation  
Author(s): Rafiq Sikander; Man Zakaria; Maitra Saikat; et al.  
Source: KOREAN JOURNAL OF CHEMICAL ENGINEERING Volume: 28 Issue: 10 Pages: 2050-2056 DOI: 10.1007/s11814-011-0053-1 Published: OCT 2011  
Times Cited: 0 (from Web of Science)  
Full Text View abstract

5. Title: Matrimid (R) derived carbon molecular sieve hollow fiber membranes for ethylene/ethane separation  
Author(s): Xu Liren; Rungta Meha; Koros William J.  
Source: JOURNAL OF MEMBRANE SCIENCE Volume: 380 Issue: 1-2 Pages: 138-147 DOI: 10.1016/j.memsci.2011.06.037 Published: SEP 15 2011  
Times Cited: 0 (from Web of Science)  
Full Text View abstract

6. Title: MOF-containing mixed-matrix membranes for CO(2)/CH(4) and CO(2)/N(2) binary gas

13. Click at "Authors".

14. Click "more options / values".

The screenshot shows the 'Refine Results' page in the Web of Knowledge interface. On the left, there are sections for 'Web of Science Categories' and 'Document Types', each with a 'Refine' button. A red circle with the number '15' is placed over the 'Refine' button for 'Web of Science Categories'. The main area displays a list of authors, each with a checkbox. A red circle with the number '16' is placed over the 'Exclude' button above the author list. The author list includes names like ISMAIL A F (3), FAVVAS E P (1), RUNGTA MEHA (1), and WANG TONGHUA (1).

15. Click at the name of author that same with the corresponding's author name.
16. Click "Exclude".

The screenshot shows a Windows Internet Explorer browser window displaying the Web of Science results page. The browser's 'File' menu is open, with the 'Print...' option highlighted. Red circles with numbers 18, 19, 22, and 17 are overlaid on the image to indicate specific actions and information. The search results show a list of articles, with the first article being 'Composite phenolic resin-based carbon molecular sieve membranes for gas separation' by Teixeira Miguel, Campo Marta C., Pacheco Tanaka David A., et al., published in CARBON in 2011. The 'Refine Results' sidebar on the left shows search filters for 'Web of Science Categories'.

- 17. No. of citations in WOS for 2011
- 18. Click at "File" tab
- 19. Select "Print" (list of citing articles)



## MANUAL FOR PROOF OF CITATIONS IN SCOPUS

Scopus - Document search - Windows Internet Explorer

http://www.scopus.com/

File Edit View Favorites Tools Help

Scopus - Document search

SciVerse Scopus

Hub | ScienceDirect | Scopus | Applications

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

Create a wordcloud from the titles of your articles – get the Wo

Document search Author search Affiliation search Advanced search

Search for: A review on the latest development of carbon membranes in  
E.g., "heart attack" AND stress

Add search field | Search

Limit to: Date Range (inclusive) Document Type

Published All years to Present

Added to Scopus in the last 7 days

Subject Areas

Life Sciences (> 4,300 titles)  Physical Sciences (> 7,200 titles)

All Fields  
Article Title, Abstract, Keywords  
Authors  
First Author  
Source Title  
Article Title  
Abstract  
Keywords  
Affiliation  
Language  
ISSN  
CODEN  
DOI  
References  
Conference  
Article Title, Abstract, Keywords, Authors  
Affiliation Name  
Affiliation City  
Affiliation Country  
Chemical Name  
CAS Number  
Article Title, Abstract, Keywords

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Add the Wordle app  
Create a wordcloud out of your research HERE

About Scopus:

- What is Scopus?
- Content coverage
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- Scopus tutorials
- Join an Upcoming Scopus Live Training
- SJR & SNIP metrics
- Download mobile apps

1. Go to hyperlink <http://www.scopus.com>
2. Insert the information needed in “Search for” column  
**Example** : A review on the latest development of carbon membranes for gas separation
3. Select “Article Title, Abstract, Keywords”
4. Click “Search” button



Scopus - Document search results - Windows Internet Explorer

http://www.scopus.com/results/results.url?sort=plf-f&src=s&st1=A+review+on+the+latest+development+of+carbon+membranes+for+gas+separation&sid=PP7y5OQzTDNzVc86mvaill2D%2

File Edit View Favorites Tools Help

Hub | ScienceDirect | **Scopus** | Applications Register | Login | Go to SciVal Suite

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

Quick Search  Search

Scopus: 2 More... Web Patents

Your query: TITLE-ABS-KEY(a review on the latest development of carbon membranes for gas separation) | Edit | Save | Set alert | Set feed | View search history

Document results: 2 | Show all abstracts Page: 1 of 1

Search within results  Search

Refine results Limit to Exclude

Year 2001 (1) > 1990 (1) > View fewer

Author Name David, L.I.B. (1) > Ismail, A.F. (1) >

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

Document title	Author(s)	Date	Source title	Citations
<a href="#">A review on the latest development of carbon membranes for gas separation</a>	Ismail, A.F., David, L.I.B.	2001	<i>Journal of Membrane Science</i> 193 (1), pp. 1-18	171
<a href="#">Latest developments in the field of air separation</a>	Jonas, L.A.	1990	[No source information available]	0

View at publisher | Show abstract | Related documents

Show abstract

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

5. Click at the title of article

Scopus - Document details - Windows Internet Explorer

http://www.scopus.com/record/display.url?eid=2-s2.0-0035980590&origin=resultslist&sort=plf-f&src=s&st1=A+review+on+the+latest+development+of+carbon+membranes+for+gas+sepa

File Edit Favorites Tools Help

New Ctrl+T  
Duplicate Ctrl+K  
New Window Ctrl+N  
New Session  
Open... Ctrl+O  
Edit  
Save Ctrl+S  
Save As...  
Close Tab Ctrl+W  
Page Setup...  
Print... Ctrl+P  
Print Preview...  
Send  
Import and Export...  
Properties  
Work Offline  
Exit

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Analytics | My alerts | My list | My settings

Search

Back to results | 1 of 2 Next >

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

**Journal of Membrane Science**  
Volume 193, Issue 1, 31 October 2001, Pages 1-18

ISSN: 03767388  
CODEN: JMESD  
DOI: 10.1016/S0376-7388(01)00510-5  
Document Type: Review  
Source Type: Journal

[View at publisher](#)

**A review on the latest development of carbon membranes for gas separation**

Ismail, A.F. | David, L.I.B.  
Membrane Research Unit, Faculty of Chemical and Natural Resources Engineering, Universiti Teknologi Malaysia, 81310 Skudai, Johor, Malaysia

**Abstract**

Inorganic membranes have been developed before 1945. The earlier application of inorganic membranes was primarily concentrate on military purpose. Carbon membrane is one type of porous inorganic membrane. Although the concept of

**Cited by since 1996**

This article has been cited 172 times in Scopus:  
(Showing the 2 most recent)

Du, H. , Li, J. , Zhang, J.  
**Separation of hydrogen and nitrogen gases with porous graphene membrane**  
(2011) *Journal of Physical Chemistry C*

Teixeira, M. , Campo, M.C. , Pacheco Tanaka, D.A.  
**Composite phenolic resin-based carbon molecular sieve membranes for gas separation**  
(2011) *Carbon*

[View details of all 172 citations](#)

Inform me when this document is cited in Scopus:  
Set alert | Set feed

**Other citing sources**

6. Click at the "File" tab

7. Click "Print". (as a proof of paper listed in Scopus)

Scopus - Document search results - Windows Internet Explorer

http://www.scopus.com/results/results.url?sort=plf-f&src=s&st1=a+review+on+the+latest+development+of+carbon+membranes+for+gas+separation&nlo=

File Edit View Favorites Tools Help

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

Quick Search  Search

Scopus: 1 More... Web Patents

Your query: TITLE-ABS-KEY(a review on the latest development of carbon membranes for gas separation) AND (LIMIT-TO(PUBYEAR, 2001)) | Edit | Save | Set alert | Set feed | View search history

Document results: 1 | Show all abstracts Page: 1 of 1

Search within results  Search

Refine results Limit to Exclude 8

Year 2001 (1) > View fewer

Author Name David, L.I.B. (1) > Ismail, A.F. (1) >

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

Document title	Author(s)	Date	Source title	Citations
<input checked="" type="checkbox"/> 1 <a href="#">A review on the latest development of carbon membranes for gas separation</a>	Ismail, A.F., David, L.I.B.	2001	<i>Journal of Membrane Science</i> 193 (1), pp. 1-18	171

View at publisher | Show abstract | Related documents

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Display 20 results per page Page: 1 of 1

8. Tick at the related article
9. Click "View citation overview"

Scopus - Citation overview - Windows Internet Explorer

http://www.scopus.com/cto2/main.url?stateKey=CTOF\_249936499&origin=cto

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

Quick Search  Search

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### Citations received since 1996

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**Overview options** [Hide](#)

Exclude from citation overview:  Self citations of all authors

Sort documents: Year descending **10**      Date range: 2011 to 2011 **11**      [Update overview](#)

		Citations				Total
		<2011	2011	Subtotal	>2011	
<b>1 Cited Documents</b> <a href="#">Save list</a>		144	29	<b>29</b>	0	173
1	<input type="checkbox"/> 2001 A review on the latest developme...	144	29	<b>12</b>		173

Display 25 documents 1 to 1

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*h index = 1*

Of the 1 document considered for the *h index*, 1 has been cited at least 1 time.

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10. Select Date Range – 2011 to 2011
11. Click “**Update overview**”
12. Click at the no. of citations for 2011

Scopus - [#] Cited documents - Windows Internet Explorer

http://www.scopus.com/results/citedbyresults.url?sort=plf-f&refeid=2-s2.0-0035980590&src=s&imp=1&sid=PP7y5OQzTDNzVc96mval.2D%3a740&cot=ctocbw&sd=a&sl=15&s=PUBYEAR+15-

File Favorites Tools Help

New Tab Ctrl+T  
Duplicate Tab Ctrl+K  
New Window Ctrl+N  
New Session  
Open... Ctrl+O  
Edit  
Save Ctrl+S  
Save As...  
Close Tab Ctrl+W  
Page Setup...  
Print... Ctrl+P  
Print Preview...  
Send  
Import and Export...  
Properties  
Work Offline  
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Search

Scopus: 29 More... Web Patents

### Citation Overview Results

The selected document is cited 29 times in 2011. [View search history](#)

Ismail A.F., David L.L.B.  
**A review on the latest development of carbon membranes for gas separation**  
 2001, *Journal of Membrane Science*, (1) 1-18  
[View at publisher](#) [Set feed](#)

< Back

Document results: 29 | [Show all abstracts](#) Go to page: 1 of 2 [Go](#) | [Next >](#)

Search within results  [Search](#)

Refine results [Limit to](#) [Exclude](#)

Year  2011 (29) >

With selected:  
 All [Download PDF](#) | [Export](#) | [Print](#) | [Email](#) | [Create bibliography](#) | [Add to My List](#) |  
 Page [View citation overview](#) | [View citations](#) | [View references](#)

Document title	Author(s)	Date	Source title	Citations
<input type="checkbox"/> 1 <a href="#">Separation of hydrogen and nitrogen gases with porous graphene membrane</a> <a href="#">View at publisher</a>   <a href="#">Show abstract</a>   <a href="#">Related documents</a>	Du, H., Li, J., Zhang, J., Su, G., Li, X., Zhao, Y.	2011	<i>Journal of Physical Chemistry C</i> 115 (47), pp. 23261-23266	0
<input type="checkbox"/> <a href="#">Composite phenolic resin-based carbon molecular sieve membranes</a>	Teixeira, M., Campo, M.C.,	2011	<i>Carbon</i> 49 (13), pp. 4348-4358	0

13. Click at the "File" tab

14. Click "Print". (as a proof of paper listed in Scopus)