

## Web of Science (advanced search topics)

Now that you have spent some time searching for resources, I wanted to provide some “advanced” search tips and techniques. This guide will cover:

Web of Science and times cited and review article options for searching

### Web of Science

Is a great database and all the previous search example still hold as the best starting points. After you have crafted some good search strategies, instead of just looking at the articles by DATE, use the box on the top right and sort your results by “times cited”. Times cited is the number of times, that article has been cited in OTHER articles covered by Web of Science

In this search of

“wildfire risk\*” AND forest\* on the top right, see it is sorted by TIMES CITED  
So the first articles are those that have been cited MANY time.

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

**Results** Topic=(" wildfire risk") AND Topic=(forest\*)  
Timespan=All Years. Databases=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH.  
Lemmatization=On

Scientific WebPlus<sup>BETA</sup> 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: **86** Page 1 of 9 Go Sort by: Times Cited -- highest to lowest

**Refine Results**  
Search within results for  
Web of Science Categories Refine  
☐ FORESTRY (40)  
☐ ECOLOGY (17)  
☐ ENVIRONMENTAL SCIENCES (17)  
☐ ENVIRONMENTAL STUDIES (9)  
☐ GEOSCIENCES MULTIDISCIPLINARY (6)  
more options / values...  
Document Types Refine  
☐ ARTICLE (77)  
☐ PROCEEDINGS PAPER (13)  
☐ REVIEW (3)  
more options / values...

1. Title: **The role of land abandonment in landscape dynamics in the SPA 'Encinares del río Alberche y Cofio, Central Spain, 1984-1999**  
Author(s): Romero-Calcerrada R; Perry GLW  
Source: LANDSCAPE AND URBAN PLANNING Volume: 66 Issue: 4 Pages: 217-232 DOI: 10.1016/S0169-2046(03)00112-9 Published: FEB 15 2004  
Times Cited: 63 (from Web of Science)  
FindIt@CSU [View abstract]

2. Title: **Probability based models for estimation of wildfire risk**  
Author(s): Preisler HK; Brillinger DR; Burgan RE; et al.  
Source: INTERNATIONAL JOURNAL OF WILDLAND FIRE Volume: 13 Issue: 2 Pages: 133-142 DOI: 10.1071/WF02061 Published: 2004  
Times Cited: 49 (from Web of Science)  
FindIt@CSU [View abstract]

3. Title: **Prescribed burning and productivity in southern pine forests: a review**  
Author(s): Carter MO; Foster CD

Articles that have been cited many times often represent cornerstone or important publications. OCCASSIONALLY they represent articles with bad science, so people cite that article and say that is wrong...and this is how our article is right/correct. So double check and READ the articles, make sure the times cited is for a GOOD reason.

This is the same search as above, on wildfire risk sorted by PUBLICATION DATE.  
Look at the blue box of refine results.

You can now sort or limit results based on the subject category of the article.

So the wildfire articles are in subject areas of :

Forestry, ecology, etc. you could LIMIT or sort on forestry **(check the box, then hit refine)**

If you wanted to see just those articles about wildfire risk in FORESTRY journals

The screenshot shows a database search results page. At the top, it says 'Results: 86' and 'Page 1 of 9'. There are buttons for 'Go', 'EndNote Web', 'EndNote', and 'ResearcherID'. A 'Sort by' dropdown is set to 'Publication Date -- newest to oldest'. On the left, a 'Refine Results' sidebar is visible. It has a 'Search within results for' box and a 'Search' button. Below this, there are sections for 'Web of Science Categories', 'Document Types', and 'Subject Areas'. The 'Web of Science Categories' section has a 'Refine' button circled in red, and a red arrow points to it. The 'Document Types' section has a 'Refine' button. The 'Subject Areas' section has a 'Refine' button. The main results area shows a list of four articles. The first article is titled 'A simulation of probabilistic wildfire risk components for the continental United States' and is from 'STOCHASTIC ENVIRONMENTAL RESEARCH AND RISK ASSESSMENT'. The second article is titled 'Outreach Programs, Peer Pressure, and Common Sense: What Motivates Homeowners to Mitigate Wildfire Risk?' and is from 'ENVIRONMENTAL MANAGEMENT'. The third article is titled 'Uncertainty and risk in wildland fire management: A review' and is from 'JOURNAL OF ENVIRONMENTAL MANAGEMENT'. The fourth article is titled 'Reducing Hazardous Fuels on Nonindustrial Private Forests: Factors Influencing Landowner Decisions' and is from 'JOURNAL OF FORESTRY'. Each article entry includes the title, author(s), source, volume, issue, pages, DOI, and publication date. There are also links to 'View abstract' and 'FindIt@CSU' for each article.

That will then give you 40 articles on the topics of wildfire risk and forestry with the articles published in forestry topic journals.