

Formación de Web of Science

Sesión A1 – Empezar a trabajar
con Web of Science

Anne Delgado
15/05/2023



Streamline the research workflow

Solutions to enhance researching, writing, and publishing reviews



Web of Science

- Search a trusted, high quality, multidisciplinary citation index



Journal Citation Reports

- Evaluate peer-reviewed titles



Essential Science Indicators

- Identify influential papers in your field



EndNote

- Collect, organize, and cite references with ease



EndNote Click

- One click access to millions of research papers

Bases de datos disponibles a través de la suscripción de FECYT

Herramientas gratuitas

Sesión A1 – Empezar a trabajar con Web of Science

- Presentación de Web of Science y de la Colección Principal
- Acceder a Web of Science
- Buscar palabras clave
- Ordenar y refinar los resultados
- Obtener ayuda

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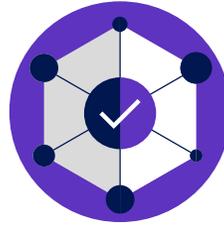
Why Web of Science?

Accelerate novel research of the highest quality with the Web of Science platform



Maximize the results of your limited research time

Easily locate datasets, conference papers and patents alongside content from the world's leading journals in one intuitive interface. Stay up to date with one alert.



Conduct more comprehensive literature reviews

Find unique papers from niche resources focusing on specific subject areas and regions with an efficient tool to support systematic and literature review.



Uncover hidden opportunities to advance your research

Discover technical information disclosed exclusively in patent documents, and access data sets to validate study findings or reuse in your own work.

Web of Science platform content

Gain a comprehensive view of worldwide research across the sciences, social sciences, and arts & humanities



34,000+

Journals across the platform

109 million

Patents for over 56 million inventions

21,900+

Total journals in the *Core Collection*

14.5 million+

Data Sets and Data Studies

2.2 billion+

Cited references

Backfiles to 1900

With cover-to-cover indexing

196 million+

Records

300,000+

Conference proceedings

20 million +

Records with funding data

137,000+

Books

Web of Science Core Collection

Research with confidence



Track the development and evolution of ideas

Find early discoveries in conference literature and explore their progression in journal literature and books.



Conduct data-intensive studies

More researchers rely on the Web of Science Core Collection than on Scopus and Google Scholar for systematic review and research evaluation.



Uncover related research via citation linking

Leverage a powerful citation network to find papers that have cited works of art, fiction, data models, government reports, and other material.



Trust your resources in an age of misinformation

Consistent, rigorous evaluation and curation means you can have confidence in the quality of your results.

- Multidisciplinary and international in scope
- Over 21,000 journals across the
 - Science Citation Index Expanded
 - Social Sciences Citation Index
 - Arts & Humanities Citation Index
 - Emerging Sources Citation Index
- Over 225,000 conferences in the Conference Proceedings Citation Index
- Over 133,000 books in the Book Citation Index

Editorial integrity and publisher neutrality

Protect your research reputation



Publisher neutral

Our in-house experts, who have no affiliations to publishers or research institutes, select the journals in the Core Collection to provide you with a data set of the world's leading research publications that is free of potential industry bias or conflict of interest.



In-house curation

Rigorous curation processes guard against inclusion of hijacked journals, and expert review ensures that journals are correctly classified into the appropriate subject categories so that your statistical reporting and analyses are accurate. Databases that rely on algorithmic approaches* or occasional outside review lack consistency and oversight.



Vetted OA content

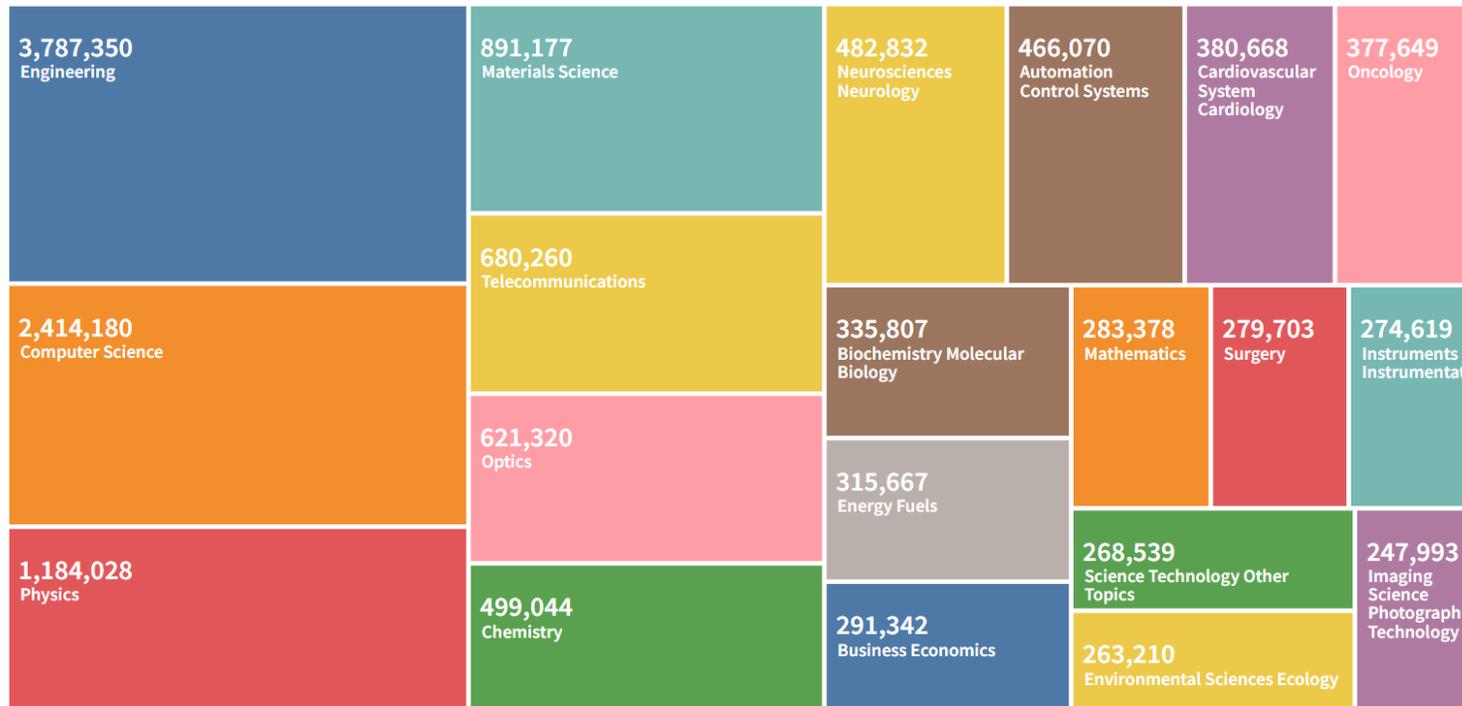
Access over 16 million open access papers—including green OA— from reputable journals that have been vetted against our 28 evaluation criteria for quality and impact. Easily determine which fields are well covered by this material so that you can reserve your budget for only the most critical gaps.

- Confidently navigate the growing complexities of journal publishing.
- Make high stakes decisions about resource allocation and people with data that is independent of bias.

Conference Proceedings Citation Index

Monitor the leading edge of peer-reviewed research

Stay up-to-date with fields where conference papers are the primary research communication channel.



Research Areas ranked by number of proceedings papers and meeting abstracts (March 2023)

- Uncover emerging trends and new ideas before they appear in journals.
- Track the influence of papers, authors, and conference series.
- Over 225,000 conferences covered
- Backfiles to 1990

Book Citation Index

Unlock foundational knowledge



Streamline discovery beyond journals

Quickly locate books relevant to your work alongside conference papers and journal articles in one intuitive platform experience.



Demonstrate researcher impact

Help researchers in the social sciences, arts, and humanities showcase the full reach and impact of their scholarly output.



Analyze citation networks

Trace the impact network of influential books in your field and easily find papers that build on the fundamental concepts in books and book chapters.

- Over 133,000 scholarly books covered
- Backfiles to 2005

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Accessing Web of Science

Make sure you access Web of Science onsite or through a remote connection via your organization so you can benefit the full subscription to Web of Science. Otherwise, you will only have a free and partial access to Web of Science to see researcher profiles.

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

- Working on-site (IP range) – No credentials required
- Working remotely (3 options)
 - with VPN
 - via your organization's proxy authentication page
 - with your personal account

The landing page

Interface available in 9 languages

Easily navigate to other solutions

The screenshot shows the Clarivate Web of Science landing page. At the top left is the Clarivate logo. The main header includes 'Web of Science™' and a search bar. On the right, there are links for 'English', 'Products', 'Sign In', and 'Register'. A vertical menu on the left contains icons for home, search, user profile, and notifications. The main content area has tabs for 'DOCUMENTS' and 'RESEARCHERS'. Below the 'DOCUMENTS' tab, there is a search filter for 'Web of Science Core Collection' and 'Editions: All'. A search input field contains the text 'Example: liver disease india singh'. Below the search field are buttons for '+ Add row', '+ Add date range', and 'Advanced Search'. At the bottom right of the search area are 'Clear' and 'Search' buttons.

Search in: Web of Science Core Collection Editions: All

Select the database(s) and collection(s) where you want to search for documents

“Documents” Search enables you to search most popular fields. A description of each field appears when you hover over it in the list.

All Fields

Example: liver disease india singh

+ Add row

+ Add date range

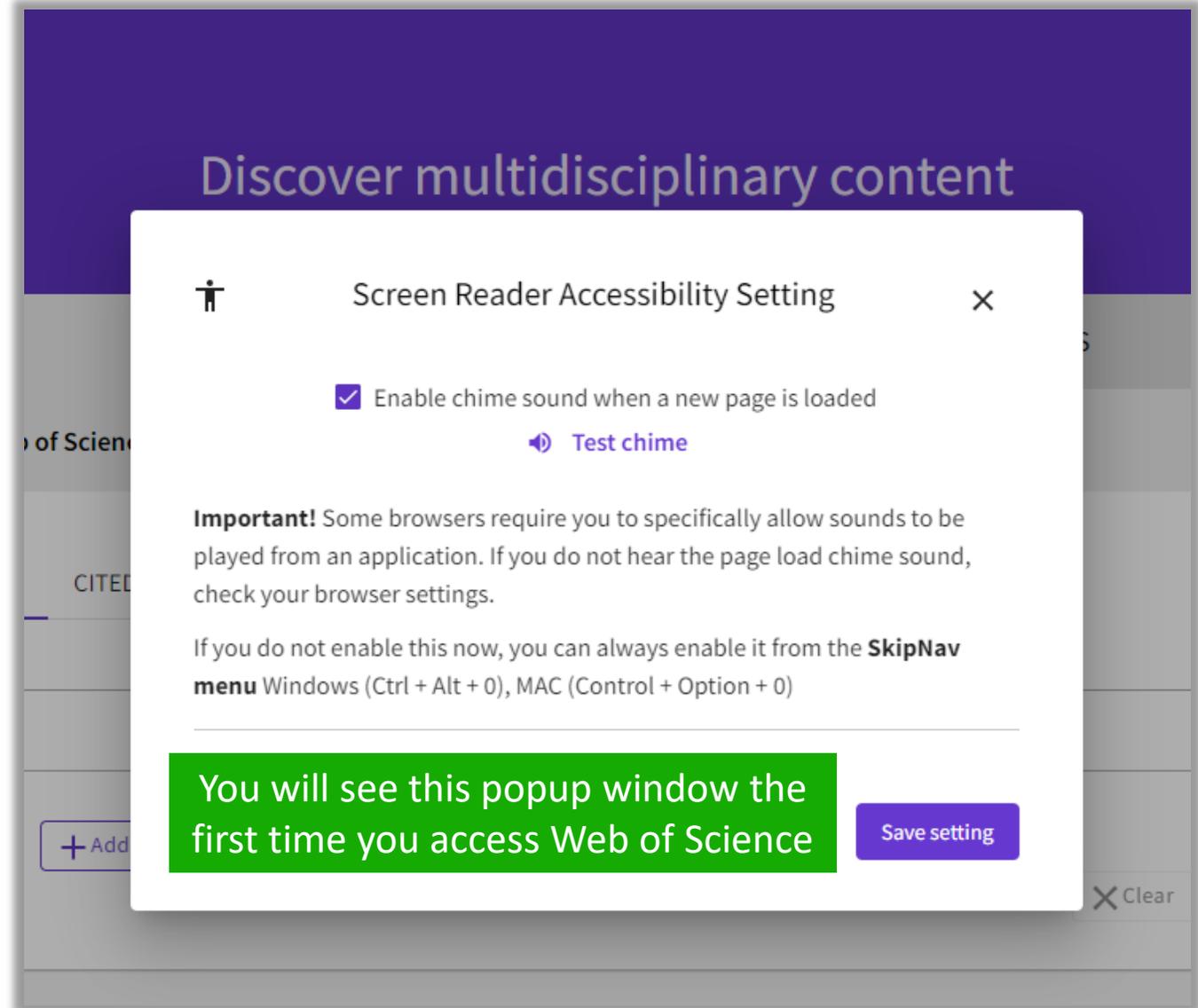
Advanced Search

X Clear

Search

About screen readers

There is an audio clue to notify users accessing via a screen reader to know when the page has completed loaded



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Search keywords in the Core Collection: The rules 1/2

■ Search a Topic

DOCUMENTS | CITED REFERENCES | STRUCTURE

Topic

Example: oil spill* mediterranean

Search

Topic

Title

Author

Publication Titles

Year Published

Topic

Searches title, abstract, author keywords, and Keywords Plus.

Example:
robot*
control*
"input shaping"

X Clear Search

■ Always search the terms in English (even if the paper is in another language, it will be indexed in English)

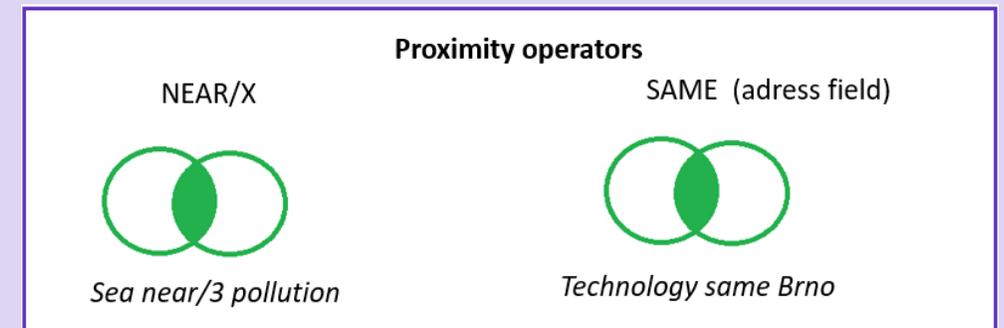
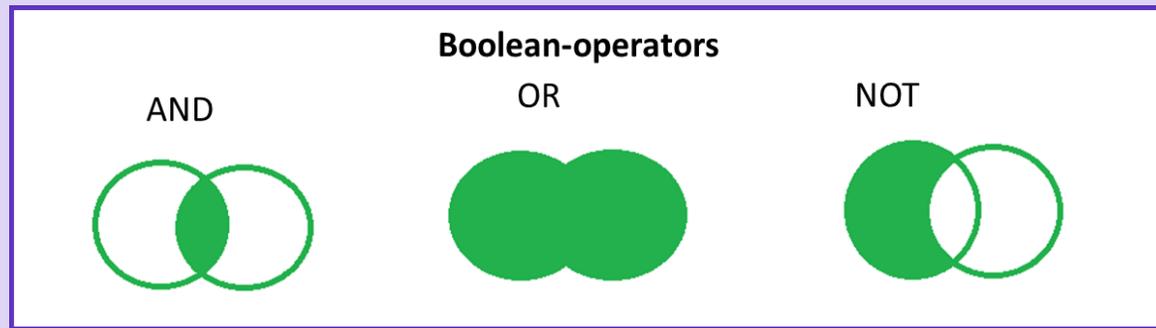
■ When you search per Topic, you search keywords in:

- Titles
- Summaries
- Author's keywords
- KeyWords Plus (generated automatically based on the titles of bibliographic references)

Note that before 1991, Web of Science was only indexing titles, authors and cited references. Web of Science started indexing abstract and keywords in 1991.

Search keywords in the Core Collection : The rules 2/2

- No need to write the operator **AND** between 2 words
- Boolean operators: AND, OR, NOT, **NEAR/x** (very useful)



- Right and left truncation with the symbol * [More Information about wildcards](#)
- To retrieve an exact “phrase”, use quotation marks (for ex. “artificial intelligence”)

[More Information about Boolean operators, search operator precedence & use of parentheses](#)

About spelling variations in the Core Collection

The search engine automatically retrieves “synonyms”

Examples	I write	The search also retrieves
British/American	behaviour color	behaviour/behavior colour/color
Singular/plural	mouse mice	mouse/mice mouse/mice
Synonyms	astronautics	cosmonautics

[More information about Spelling Variations](#)

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Sorting the list of results

50,940 results from Web of Science Core Collection for:

Search: "electric vehicle*" (Topic)

Buttons: Analyze Results, Citation Report, Create Alert

Copy query link

Publications | You may also like... ^{New}

Refine results

Search within results for...

Quick Filters

- Highly Cited Papers 842
- Hot Papers 28
- Review Articles ^{New} 1,917
- Early Access 408
- Open Access 11,701
- Associated Data 59

0/50,940

Click on the purple title to open the document record

Power Battery Performance Detection System for Electric Vehicles

wang, YN

9th International Conference of Information and Communication Technology [ICICT] 2019 | PROCEEDINGS OF THE 9TH INTERNATIONAL CONFERENCE OF INFORMATION AND COMMUNICATION [ICICT-2019] 154 , pp.759-763

The importance of batteries for electric vehicles is equivalent to the importance of the heart to people. The energy for electric vehicles and increase the power for electric vehicles. It is for this reason that electric vehicle drivers and maintenance plants need to have a deeper understanding of the performance of electric v... s

S-F-X Free Full Text from Publisher

Sorting options

Relevance v < 1 of 1,019 >

- Relevance
- Date: newest first
- Date: oldest first
- Citations: highest first
- Citations: lowest first
- Usage (all time): most first
- Usage (last 180 days): most first
- Recently added
- Conference title: A to Z
- Conference title: Z to A

How is a document indexed in Web of Science?

A document record contains:

The title (in English)

The authors and their affiliations

The abstract (in English)

The author keywords (in English)

The information about the journal

The DOI

The publication and index dates

The document type

And more!

- Click on the journal title to display a summary of the journal performance in Journal Citation Reports.
- The popup window shows the most recent Journal Impact Factor & Journal Citation Indicator.
- If your organization subscribes to Journal Citation Reports, you will also be able to view the specific rank and quartile in each category.

Optimal power tracking for autonomous demand side management of electric vehicles

By: Ireshika, MAST (Ireshika, Muhandiram Arachchige Subodha Tharang) [1], [2]; Rheinberger, K (Rheinberger, Klaus) [1], [2]; Lliuyacc-Blas, R (Lliuyacc-Blas, Ruben) [1]; Kolhe, ML (Kolhe, Mohan Lal) [2]; Preissinger, M (Preissinger, Markus) [1]; Kepplinger, P (Kepplinger, Peter) [1]

[View Web of Science ResearcherID and ORCID \(provided by Clarivate\)](#)

JOURNAL OF ENERGY STORAGE

Volume: 52 Part: B

Article Number: 104917

DOI: 10.1016/j.est.2022.104917

Published: AUG 15 2022

Indexed: 2022-06-20

Document Type: Article

Abstract

Increasing electric vehicle penetration leads to undesirable peaks in power if no proper control is implemented as flexible demands responding to power signals to minimize the system peaks. The proposed optimal power tracking problem. The distribution grid operator determines a power signal to track the demand flexibility and sends it to all electric vehicle controllers. After receiving the control signal, the electric vehicle energy demand and determines the optimal charging schedule to track the reference power. Hence the approach can be implemented using unidirectional communication with reduced complexity and computational overhead permits also convenient deployment in smart grids.

Keywords

Author Keywords: Electric vehicle charging; Demand side management; Distribution grid

Keywords Plus: SMART GRIDS

Author Information

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² Univ Agder, Fac Engn Sci, Jon Lilletunns vei 9, N-4879 Grimstad, Norway

JOURNAL OF ENERGY STORAGE

Journal Impact Factor™

2021 Five Year
8.907 8.14

JCR Category	Category Rank	Category Quartile
ENERGY & FUELS <i>in SCIE edition</i>	23/119	Q1

Source: Journal Citation Reports 2021. [Learn more](#)

[Link to JCR](#)

Journal Citation Indicator™

2021 2020
1.07 0.8

JCI Category	Category Rank	Category Quartile
ENERGY & FUELS <i>in SCIE edition</i>	42/145	Q2

The Journal Citation Indicator is a measure of the average Category Normalized Citation Impact (CNCI) of citable items (articles and reviews) published by a journal over a recent three year period. It is used to help you evaluate journals based on other metrics besides the Journal Impact Factor (JIF).

[Learn more](#)

Refining the list of results

Refine options help you collect the most relevant results.

Options include:

- Document Types
- Publication Years
- Affiliations
- Open Access
- Most cited papers
- Most recent papers
- And more!

Refine results

0/2,862 [Add To Marked List](#) [Export](#) Sort by: Relevance

Search within results...

Filter by Marked List

Quick Filters

<input type="checkbox"/>	Highly Cited Papers	60
<input type="checkbox"/>	Hot Papers	1
<input type="checkbox"/>	Review Article	497
<input type="checkbox"/>	Early Access	25
<input checked="" type="checkbox"/>	Open Access	2,862
<input type="checkbox"/>	Associated Data	47
<input type="checkbox"/>	Enriched Cited References	309

[Exclude](#) [Refine](#)

Citation Topics Meso

Authors

Publication Years

<input checked="" type="checkbox"/>	2023	8
<input checked="" type="checkbox"/>	2022	292
<input checked="" type="checkbox"/>	2021	319
<input checked="" type="checkbox"/>	2020	326
<input type="checkbox"/>	2019	319

[See all >](#) [Exclude](#) [Refine](#)

1 [Recommendations for green development of motor biofuel industry in China: A review](#)
[Zhang, ZX; Li, G; \(...\); Zhou, YG](#)
Sep 2020 | [INTERNATIONAL JOURNAL OF AGRICULTURAL AND BIOLOGICAL ENGINEERING](#) 13 (5) , pp.218-225
Motor biofuel is one kind of clean and sustainable fuel extracted from living organisms or obtained by the transformation of organisms, which can be used to replace fossil fuels. Nowadays, motor biofuel is an important direction for the development and utilization of renewable energy. More attention has been given to the development and promotion of motor biofuel and relative technologies all o ... [Show more](#)
[Free Full Text from Publisher](#)

2 [Comparative study of alternative biofuels on aircraft engine performance](#)
[Azami, MH and Savill, M](#)
Jun 2017 | [PROCEEDINGS OF THE INSTITUTION OF MECHANICAL ENGINEERS PART G-JOURNAL OF AEROSPACE ENGINEERING](#) 231 (8) , pp.1509-1521
Aviation industries are vulnerable to the energy crisis and simultaneously posed environmental concerns. Proposed engine technology advancements could reduce the environmental impact and energy consumption. Substituting the source of jet fuel from fossil-based fuel to biomass-based fuel will help reduce emissions and minimize the energy crisis. The present paper addresses the analysis of aircra ... [Show more](#)
[Free Submitted Article From Repository](#) [Full Text at Publisher](#)

3 [Innovative technological paradigm-based approach towards biofuel feedstock](#)
[Xu, JP and Li, MH](#)
Jun 1 2017 | [ENERGY CONVERSION AND MANAGEMENT](#) 141 , pp.48-62
Biofuels produced from renewable energy biomass are playing a more significant role because of the environmental problems resulting from the use of feedstock that can be used, raw material availability varies ... [Show more](#)

Refine = Include only the selected items

Identify trustworthy literature

Web of Science helps you discard retracted papers from your bibliography

Web of Science Core Collection: Document Type Descriptions

88,359 results from Web of Science Core Collection for:

“wuhan coronavirus” OR “wuhan seafood market pneumonia virus” OR “covid19” OR “covid-19” OR “covid-2019” OR “c...

Refined By: Publication Years: 2020 X Clear all

Refine by Document Types

Search for Document Types

Select all

The list can also be sorted alphabetically

Results count v

<input type="checkbox"/> Article	44,903	<input type="checkbox"/> Data Paper	110	<input type="checkbox"/> Poetry	4
<input type="checkbox"/> Editorial Material	14,628	<input type="checkbox"/> Book Chapters	102	<input type="checkbox"/> Dance Performance Review	2
<input type="checkbox"/> Letter	13,706	<input type="checkbox"/> Book Review	47	<input type="checkbox"/> Art Exhibit Review	1
<input type="checkbox"/> Review Article	8,716	<input checked="" type="checkbox"/> Retraction	16	<input type="checkbox"/> Film Review	1
<input type="checkbox"/> Meeting Abstract	2,821	<input type="checkbox"/> Biographical-Item	11	<input type="checkbox"/> Hardware Review	1
<input type="checkbox"/> News Item	1,537	<input type="checkbox"/> Reprint	8	<input checked="" type="checkbox"/> Item Withdrawal	1
<input type="checkbox"/> Proceeding Paper	1,348	<input type="checkbox"/> Book	7	<input checked="" type="checkbox"/> Publication With Expression Of Concern	1
<input type="checkbox"/> Correction	634	<input checked="" type="checkbox"/> Retracted Publication	7	<input checked="" type="checkbox"/> Withdrawn Publication	1
<input type="checkbox"/> Early Access	346	<input checked="" type="checkbox"/> Expression Of Concern	4		

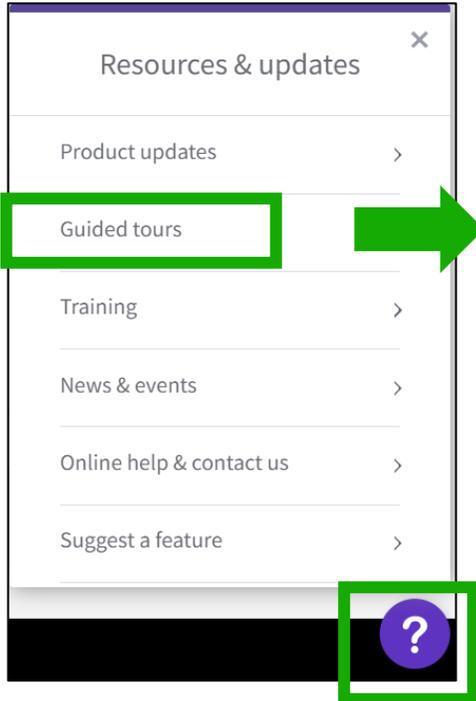
Cancel Exclude Refine

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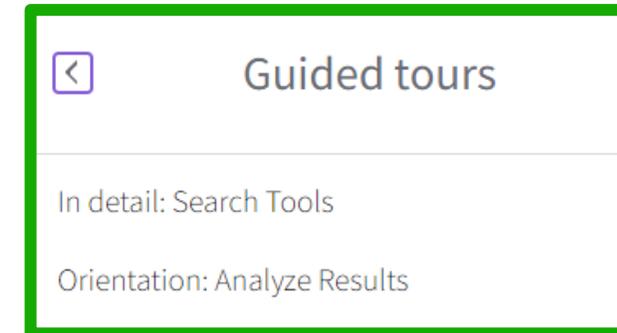
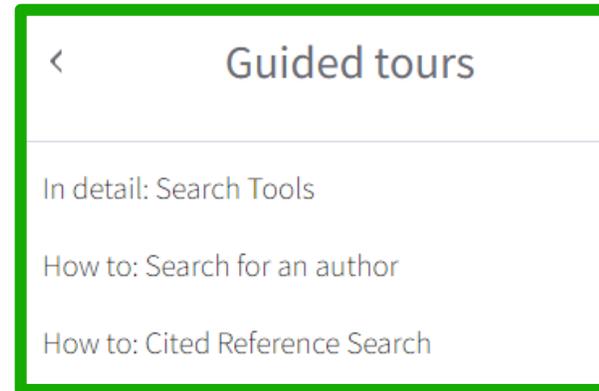
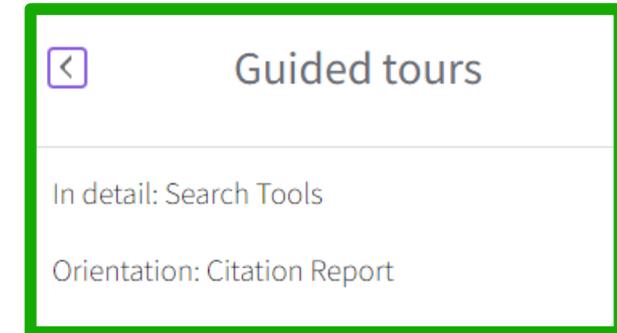
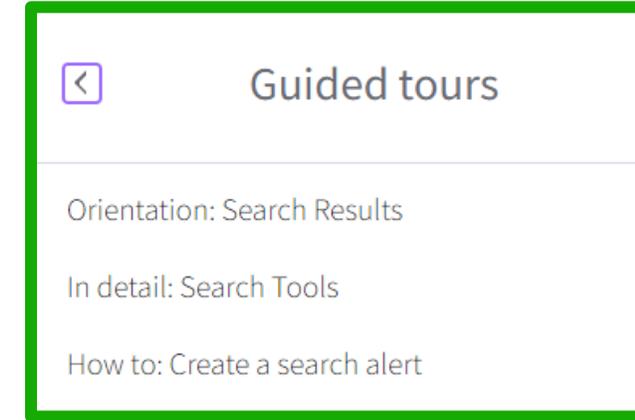
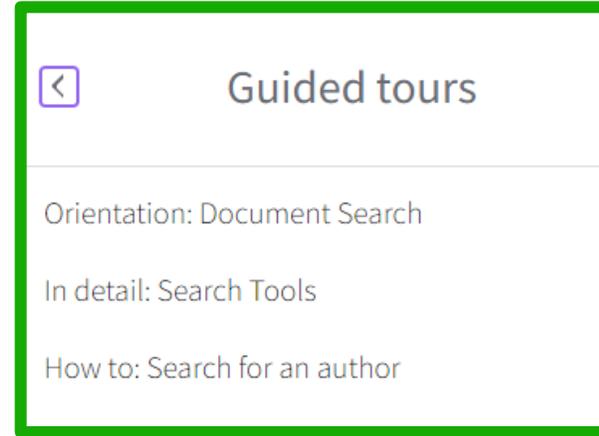
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Learning with the guided tours

The Help Center at the bottom right of any page – Click on the purple question mark to open the resources



A list of different guided tours is displayed depending on the page where you are currently working





For questions, contact:

WoSG.support@clarivate.com

