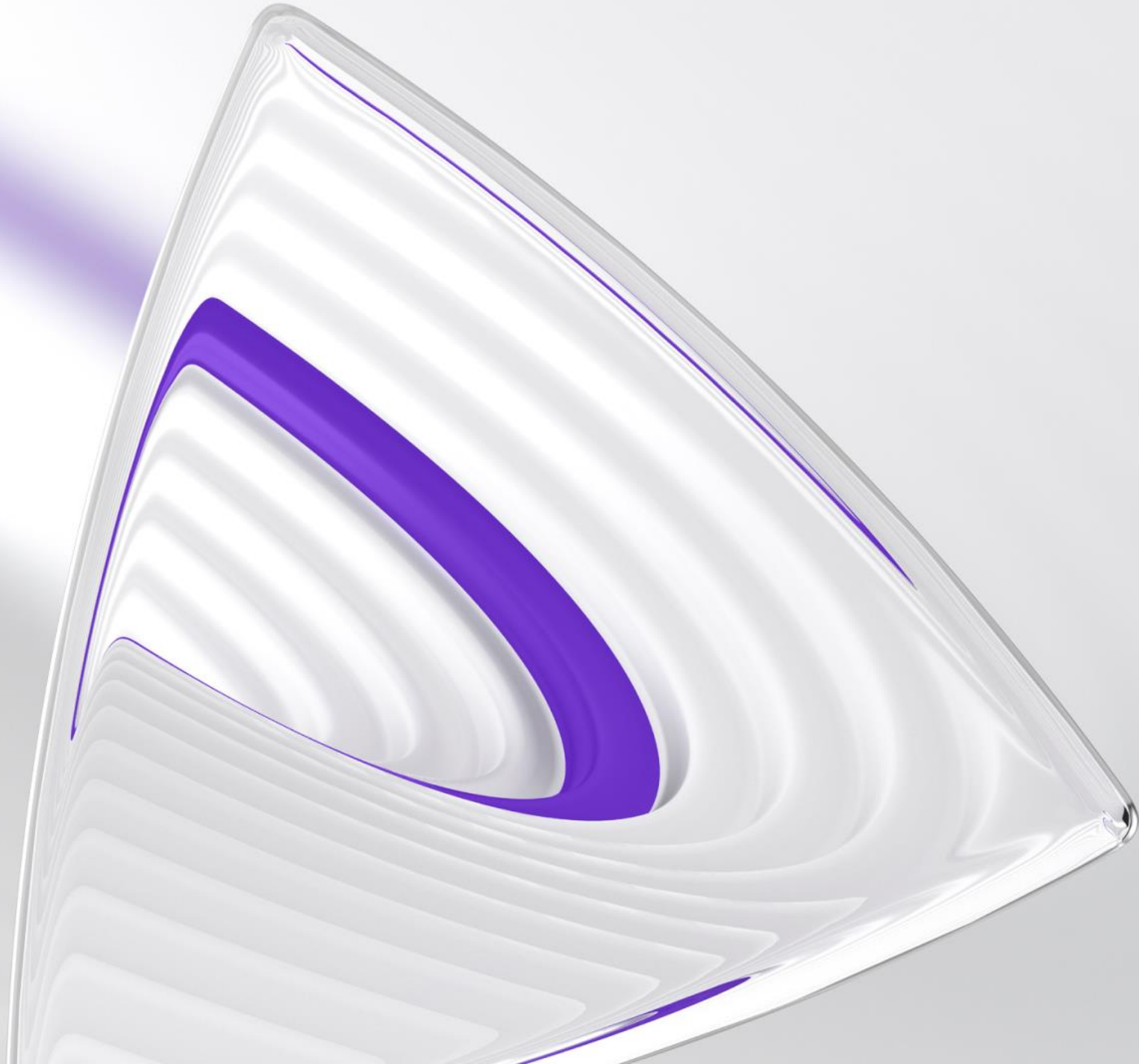


Conducting a Literature Review

Bob Green


July 2020




Clarivate Blog Post

This Webinar has a related blog post, last week.




Check it out for additional information.

Who we are forProductsResourcesServicesISI

The literature review | your definitive guide (2020)



JOANNA WILKINSON
Clarivate

Share this article
  

This is our ultimate guide on how to write a narrative literature review. It forms part of our [Research Smarter series](#). Learn more best practice tips by registering for our [upcoming webinar](#).

How do you write a narrative literature review?

Researchers worldwide are [increasingly reliant](#) on literature reviews. That's because review articles provide you with a broad picture of the field, and help to synthesize published research that's [expanding at a rapid pace](#).

Agenda

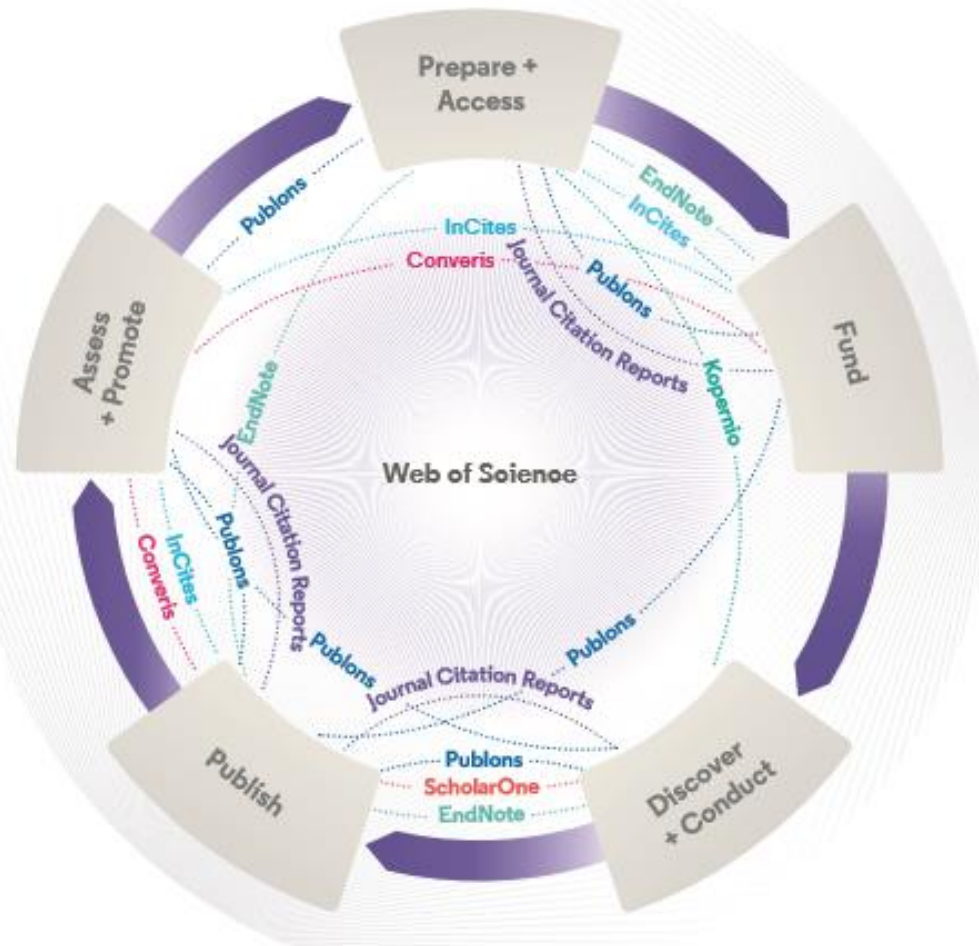
1. What is a Literature Review

2. Tools to help with the various stages of your review

- Searching
- Evaluating
- Analysing and Interpreting
- Writing
- Publishing

3. Additional Resources

The Literature Research Workflow



Web of Science

The world's largest and highest quality publisher-neutral citation index.

Essential Science Indicators

Reveals emerging science trends as well as influential individuals, institutions, papers, journals, and countries across 22 categories of research.

Journal Citation Reports

The world's most influential and trusted resource for evaluating peer-reviewed publications.

InCites Benchmarking & Analytics

Analyse institutional productivity and benchmark your output against peers worldwide.

ScholarOne

Simplified submission workflows and peer review for scholarly publishers and societies.

EndNote

A smarter way to streamline references and write collaboratively.

Kopernio

Fast, one-click access to millions of high-quality research papers.

Publons

Supporting researchers through documenting their peer-review and journal editing contributions, providing guidance and best practice for the peer-review process, as well as increasing the overall visibility of their research and its impact.

Converis

One flow to let institutions collect, manage, and report on all research activity, working seamlessly with an institutions existing systems.

Web of Science Author Connect

Reach leading researchers in the sciences, social sciences, and arts and humanities.

Systematic vs. Literature Review

	Systematic Review	Literature Review
Definition	High-level overview of primary research on a focused question that identifies, selects, synthesizes, and appraises all high quality research evidence relevant to that question	Qualitatively summarizes evidence on a topic using informal or subjective methods to collect and interpret studies
Goals	Answers a focused clinical question Eliminate bias	Provide summary or overview of topic
Question	Clearly defined and answerable clinical question Recommend using PICO as a guide	Can be a general topic or a specific question
Components	Pre-specified eligibility criteria Systematic search strategy Assessment of the validity of findings Interpretation and presentation of results Reference list	Introduction Methods Discussion Conclusion Reference list
Number of Authors	Three or more	One or more
Timeline	Months to years, Average eighteen months	Weeks to months
Requirement	Thorough knowledge of topic Perform searches of all relevant databases Statistical analysis resources (for meta-analysis)	Understanding of topic Perform searches of one or more databases
Value	Connects practicing clinicians to high quality evidence Supports evidence-based practice	Provides summary of literature on the topic

Literature Review

Sources

- <https://writingcenter.ashford.edu/writing-literature-review>
- <https://advice.writing.utoronto.ca/types-of-writing/literature-review/>
- <https://www2.le.ac.uk/offices/ld/all-resources/writing/writing-resources/literature-review>
- <https://guides.library.ucsc.edu/write-a-literature-review>
- <https://www.ed.ac.uk/institute-academic-development/study-hub/learning-resources/literature-review#:~:text=A%20literature%20review%20is%20a,rather%20than%20a%20literature%20report>

A literature review is a survey of scholarly sources that provides an overview of a particular topic. Literature reviews are a collection of the most relevant and significant publications regarding that topic in order to provide a comprehensive look at what has been said on the topic and by whom.

The basic components of a literature review include:

- ✓ a description of the publication
- ✓ a summary of the publication's main points
- ✓ a discussion of gaps in research
- ✓ an evaluation of the publication's contribution to the topic.

What is the difference between a literature review and an annotated bibliography?

An annotated bibliography is a list of your references with a summary of the content and the publication's relationship to your research question. A literature review is an overview of the topic, an explanation of how publications differ from one another, and an examination of how each publication contributes to the discussion and understanding of the topic.



The Literature Review Process



Problem formulation

Clearly defining which topic or field is being examined and what its component issues are.



Literature search

Finding all materials relevant to the subject being explored and keeping up to date during the review process.



Data evaluation

Determining which literature makes a significant contribution to the understanding of the topic.



Analysis and interpretation

Discussing the findings and conclusions of pertinent literature.



Write and Publish

Produce a formatted document that you can get published in an appropriate journal to inform everyone of your findings.

- An **overview** of the subject, issue or theory under consideration, along with the objectives of the literature review
- Division of works under review into **categories** (e.g. those in support of a particular position, those against, and those offering alternative theses entirely)
- **Explanation** of how each work is similar to and how it varies from the others
- **Conclusions** as to which pieces are best considered in their argument, are most convincing of their opinions, and make the greatest contribution to the understanding and development of their area of research

Literature Search

Search Web of Science to track ideas across disciplines and time from over 1.7 billion cited references from over 171 million records.

*With **Web of Science Core Collection**, search the top journals, conference proceedings and books, in the sciences, social sciences, and arts and humanities to find the high quality research most relevant to your area of interest.*

<https://doi.org/10.1007/s11192-017-2622-5>

AND, OR, NOT, NEAR,
SAME, *?\$, Lemmatization
[Search Rules](#) →
[Search Operators](#) →
[Sort Options](#) →
[Wildcards](#) →

An example of an
iterative search
around a subject.

Cast your net wide
but not too wide.

9,019	TS=("Sustainable Development" OR "Sustainable Growth") AND TS=innovat* <i>Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=All years</i>
8,504	TS="Sustainable Development" AND TS=innovat* <i>Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=All years</i>
497	TS="Sustainable Growth" AND TS=innovation <i>Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=All years</i>
6,134	TS="Sustainable Development" AND TS=innovation <i>Indexes=SCI-EXPANDED, SSCI, A&HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=All years</i>

A more complex
example.

TS=("Wuhan coronavirus" OR "Wuhan seafood market pneumonia virus" OR "COVID19*" OR "COVID-19*" OR "COVID-2019*" OR "coronavirus disease 2019" OR "SARS-CoV-2" OR "SARS-CoV2" OR SARS2 OR "2019-nCoV" OR "2019 novel coronavirus" OR "severe acute respiratory syndrome coronavirus 2" OR "2019 novel coronavirus infection" OR "coronavirus disease 2019")

Literature Search

Narrow the results of your search by using any of the **Refine Results** options :

- Web of Science Categories (254 fields of research)
- Document Types (journal, review, book, etc.)
- Publication Years
- Organization-Enhanced (Unified organisations)
- Source Titles (journal, conference name, etc.)
- Funding Agencies
- Open Access (including type of Open Access)
- And more!

You can also **Sort** your results: by newest; most cited; usage counts; recently added; relevance; etc.

The screenshot shows a Web of Science search results page. The top left indicates 'Results: 19,098 (from Web of Science Core Collection)'. Below this, it states 'You searched for: TOPIC: ("Gravitational Wave") ...More'. A 'Create an alert' button is present. The 'Refine Results' section is highlighted with a purple box and an arrow pointing to it from the text on the left. This section includes a search bar 'Search within results for...' and a 'Filter results by:' area with checkboxes for 'Highly Cited in Field (339)', 'Hot Papers in Field (8)', 'Open Access (6,198)', and 'Associated Data (36)'. Below this is a 'Publication Years' section with checkboxes for years from 2020 to 2016, and a 'Web of Science Categories' section with checkboxes for various fields like 'ASTRONOMY ASTROPHYSICS' and 'PHYSICS PARTICLES FIELDS'. The 'Sort by:' dropdown at the top right is also highlighted with a purple box and an arrow pointing to it from the text on the left. The dropdown menu is open, showing options: 'Date' (selected), 'Times Cited', 'Usage Count', 'Relevance', and 'More'. The main results list shows six entries, each with a checkbox, a title, authors, journal information, and buttons for 'Full Text from Publisher' and 'View Abstract'.

Literature Search

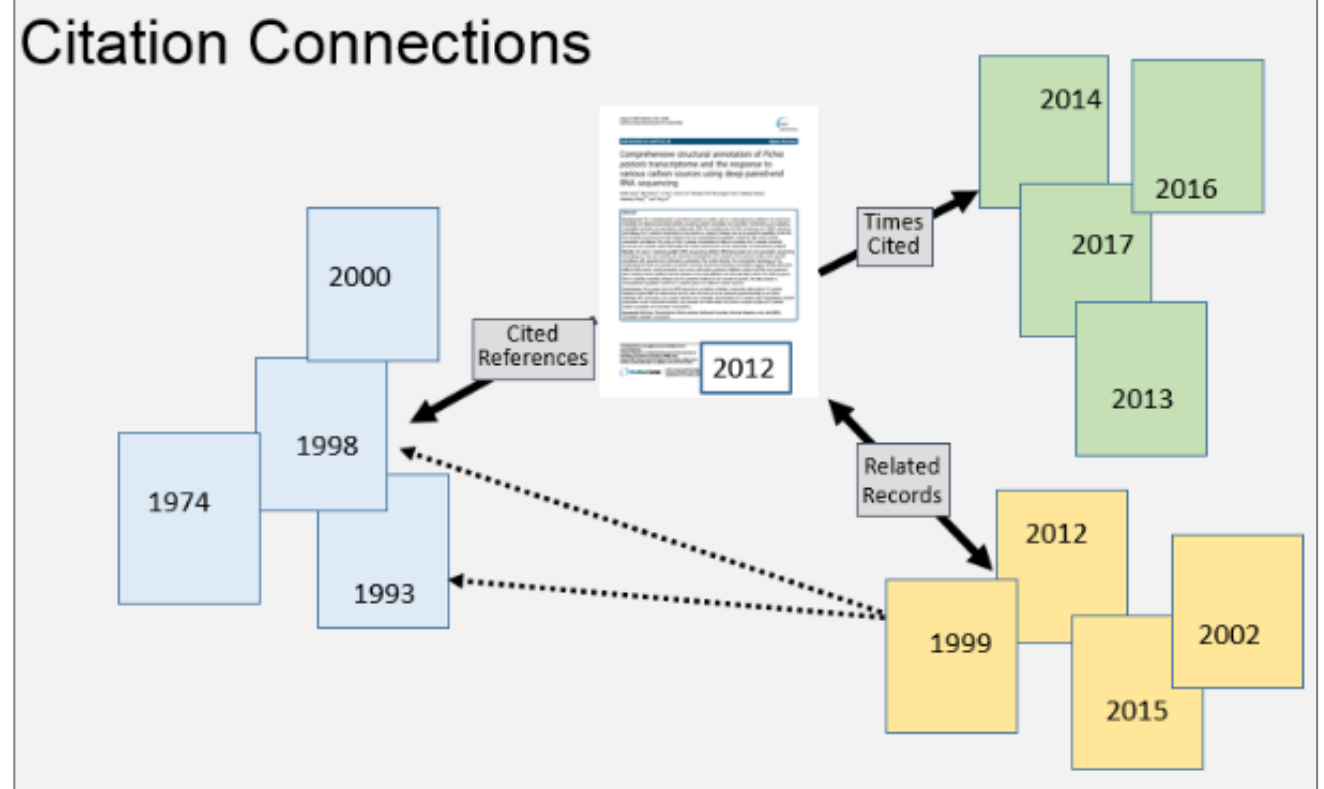
Navigating the Citation Network to follow a research thread and find possible relevant outliers

- **Cites References** – the research that a paper cites
- **Times Cited** – more recently published papers that cite the paper
- **Related Records** – papers which share at least one cited reference in common with the paper. If they share citations, they're likely discussing similar topics.

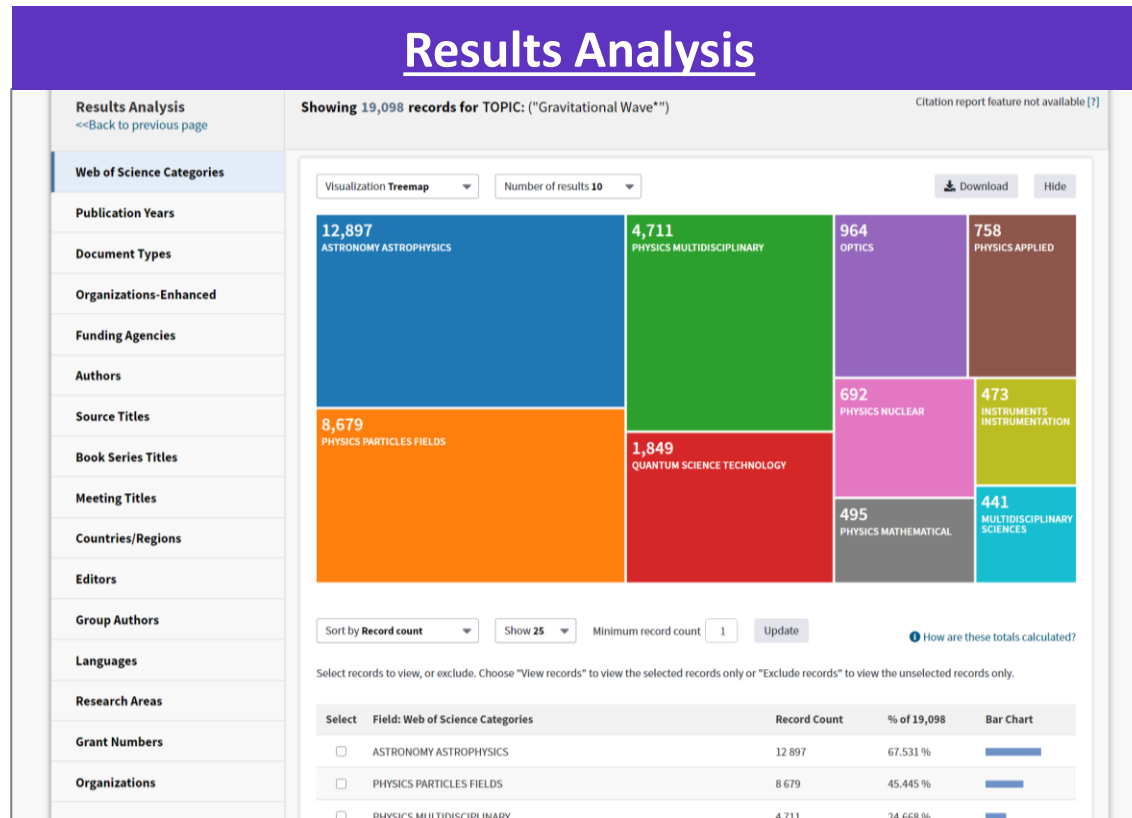
This is perfect for finding publications that are related to each other, via the citations that were made.

It is particularly useful:-

- where keywords in the topic are not easy to define
- where older research needs to be traced
- when you need to see where a particular research thread leads.



Data Evaluation



Group and rank records in a results set by extracting data values from a variety of fields. Find the most prevalent authors in a particular field of study, or generate a list of institutions ranked by record count based on your search query.




The **Citation Report** provides aggregate citation statistics for a set of search results. This can give an indication of the influence of the results set.

Data Evaluation

Highly Cited / Hot Papers


Filter results by:

☐  Highly Cited in Field (369)

☐  Hot Papers in Field (12)


Times Cited: 21
(from Web of Science Core Collection)

 **Highly Cited Paper**

 As of March/April 2020, this **highly cited paper** received enough citations to place it in the top 1% of the academic field of Physics based on a highly cited threshold for the field and publication year.

Times Cited: 23
(from Web of Science Core Collection)

 **Hot Paper**

 This **hot paper** was published in the past two years and received enough citations in March/April 2020 to place it in the top 0.1% of papers in the academic field of Physics.

Highly Cited and Hot Paper indicators put citation counts into **context**. They take into account the field of research, year of publication and document type, comparing 'like with like'. This information comes from our **Essential Science Indicators**.



Usage Counts

Silicon emissivity as a function of temperature

By: Constancio Jr, Marcio; Adhikari, Rana X.; Aguiar, Odylio D.; et al.

INTERNATIONAL JOURNAL OF HEAT AND MASS TRANSFER Volume: 157 Article Number: 119863

Published: AUG 2020

 Full Text from Publisher  Free Accepted Article From Repository [View Abstract](#)

Times Cited: 0
(from Web of Science Core Collection)


Usage Count ^

Last 180 Days: 4
Since 2013: 4

Scalable auto-encoders for **gravitational waves** detection from time series data

By: Corizzo, Roberto; Ceci, Michelangelo; Zdravevski, Eftim; et al.

EXPERT SYSTEMS WITH APPLICATIONS Volume: 151 Article Number: 113378 Published: AUG 1 2020

 Full Text from Publisher [View Abstract](#)

Times Cited: 0
(from Web of Science Core Collection)



Usage Count ^

Last 180 Days: 14
Since 2013: 14

Utilizing aLIGO glitch classifications to validate **gravitational-wave** candidates

By: Davis, Derek; White, Laurel, V; Saulson, Peter R.

CLASSICAL AND QUANTUM GRAVITY Volume: 37 Issue: 14 Article Number: 145001 Published: JUL 23 2020

 Full Text from Publisher  Free Accepted Article From Repository [View Abstract](#)

Times Cited: 0
(from Web of Science Core Collection)


Usage Count ^

Last 180 Days: 1
Since 2013: 1

Perturbative deflection angles of timelike rays

By: Duan, Yujie; Hu, Weiyu; Huang, Ke; et al.

CLASSICAL AND QUANTUM GRAVITY Volume: 37 Issue: 14 Article Number: 145004 Published: JUL 23 2020

 Full Text from Publisher [View Abstract](#)

Times Cited: 0
(from Web of Science Core Collection)

Usage Count ^


Last 180 Days: 0
Since 2013: 0

Citation take time to accrue, so they are not a good indicator of influence for recent publications. For this reason we provide **Usage Counts**. Every time a Web of Science user clicks a full text link or exports a record, the record's **Usage Count** is incremented. So it provides an **indication of interest**.

Data Evaluation


Viewing the Full Text to understand content

GW170817: Observation of **Gravitational Waves** from a Binary Neutron Star Inspiral
By: Abbott, B. P.; Abbott, R.; Abbott, T. D.; et al.
Group Author(s): LIGO Sci Collaboration & Virgo
PHYSICAL REVIEW LETTERS Volume: 119 Issue: 16 Article Number: 161101 Published: OCT 16 2017

 [Free Full Text from Publisher](#) [View Abstract](#) ▼


Optically targeted search for **gravitational waves** emitted by core-collapse supernovae during the first and second observing runs of advanced LIGO and advanced Virgo

By: Abbott, B. P.; Abbott, R.; Abbott, T. D.; et al.
Group Author(s): LIGO Sci Collaboration; Virgo Collaboration; ASAS-SN Collaboration; et al.
PHYSICAL REVIEW D Volume: 101 Issue: 8 Article Number: 084002 Published: APR 2 2020

 [Full Text from Publisher](#) [Free Published Article From Repository](#) [View Abstract](#) ▼

Black holes, **gravitational waves** and fundamental physics: a roadmap


By: Barack, Leor; Cardoso, Vitor; Nissanke, Samaya; et al.
CLASSICAL AND QUANTUM GRAVITY Volume: 36 Issue: 14 Article Number: 143001 Published: JUL 25 2019

 [Full Text from Publisher](#) [Free Accepted Article From Repository](#) [View Abstract](#) ▼

To fully understand any publication you need to read it. **Web of Science** has several in built routes to access Full Text. In addition you could add **Kopernio** to your browser to leverage **subscription services** as well as **Open Access** sources.

Open Access Status

Open Access

- ☐  All Open Access (6,298)
- ☐ DOAJ Gold (1,033)
- ☐ Other Gold (641)
- ☐ Bronze (2,576)
- ☐ Green Published (1,953)
- ☐ Green Accepted (1,989)

Some reviews include an evaluation of **Open Access**, others have a requirement to either include or exclude **Open Access** publications. **Web of Science** has **Open Access** version as a filter, so these types of evaluation can be carried out.

Managing your Results

The **Marked List** page stores records selected from your search results. After marking records, you can save your Marked List and return to it later.

Save up to 50 Marked Lists with up to 50,000 records per list. In order to save, you must be logged into your Web of Science personal profile.

Use the Marked List to:

- **Store your search results** - it's not always possible to finish your search in one session. Marking records for your next visit to Web of Science helps you pick up where you left off.
- **Group articles together you want to analyze** - gather the perfect set of publications, then use Analyze to understand trends across them, or use Citation Report to reveal the articles that cite your selections.
- **Create a custom set of items to export.** There are lots of export options - send to EndNote for later use in writing a paper, print, email or even export to InCites Benchmarking & Analytics for detailed citation analysis.

Save Open/Manage Clear

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

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

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. [\[Learn about saving to bibliographic software\]](#)
[Export...](#)

☐ 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"/> Conference Information
<input type="checkbox"/> Abstract*	<input type="checkbox"/> Cited References*†	<input type="checkbox"/> Document Type	<input type="checkbox"/> Conference Sponsors
<input type="checkbox"/> Addresses	<input checked="" type="checkbox"/> Times Cited	<input type="checkbox"/> Keywords	<input type="checkbox"/> Publisher Information
<input checked="" type="checkbox"/> ISSN / ISBN	<input type="checkbox"/> Cited Reference Count	<input type="checkbox"/> Source Abbrev.	<input type="checkbox"/> Page Count / Chapter Count
<input type="checkbox"/> IDS Number	<input type="checkbox"/> Language	<input type="checkbox"/> Web of Science Categories	<input type="checkbox"/> Research Areas
<input type="checkbox"/> Funding Information	<input checked="" type="checkbox"/> Accession Number	<input checked="" type="checkbox"/> Author Identifiers	<input type="checkbox"/> Usage Count
<input checked="" type="checkbox"/> PubMed ID	<input type="checkbox"/> Open Access	<input type="checkbox"/> Hot Paper	<input type="checkbox"/> Highly Cited

*Selecting these items will increase the processing time.
†Cited References are not included in Export to Excel.

Save Marked List

Name:

Description:

Store up to 50 marked lists in Web of Science

Save Cancel

Managing your Results

Saving (and revisiting) your Searches

Saving a search is a way to return to that search as many times as needed to complete your work.

Web of Science stores the search statement you use in your personal profile, so that you can always return to it and edit, or rerun it against different time periods or parameters.

You can create complex queries by combining many searches together in your **Search History**, then save the combinations so they don't have to be recreated each time you come into Web of Science.

They mean your results are repeatable.

You can also **send your search methods to other Web of Science users.**

Alert Name *

Covid-19

InactiveActive

Database: Web of Science Core Collection
TS=("Wuhan coronavirus" OR "Wuhan seafood market pneumonia virus" OR "COVID19*" OR "COVID-19*" OR "COVID-2019*" OR "coronavirus disease 2019" OR "SARS-CoV-2" OR "2019-nCoV" OR "2019 novel coronavirus" OR "severe acute respiratory syndrome coronavirus 2" OR "2019 novel coronavirus infection" OR...

Rerun Search

Description - Optional

Email recipients:bob.green@clarivate.com Edit

Frequency: Weekly

☐ Continue to receive emails when there are no new results

No longer want to receive alerts? Delete Alert X

Managing your Results

Creating Alerts (to keep up to date)

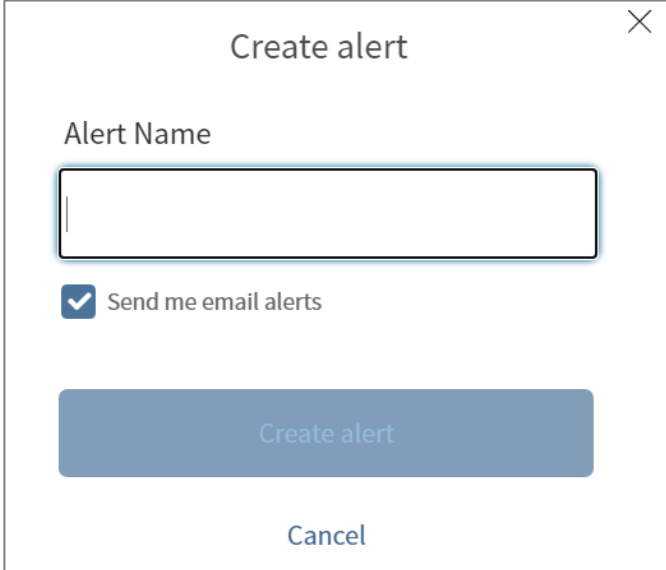
Your Web of Science account also allows you to use your **Saved Searches** as **Alerts** that notify you of updates in the data.

[Search Alerts](#) - save a search and establish a daily, weekly or monthly email notification when new publications are added that match.

In addition, there are two other types of Alert:-

[Citation Alerts](#) - have a favourite or important article you want to track? We'll notify you when it receives new citations.

[Table of Contents Alerts \(Journal Alerts\)](#) - subscribers to our **Current Contents Connect** database can set up TOC alerts for their favorite journals all in one place.



Create alert

Alert Name

☒ Send me email alerts

Create alert

Cancel

Recent updates to Alerting in Web of Science

- **All Database Alerting:** Set one alert across all collections in your Web of Science subscription.
- **One Click Access:** Go directly to the Web of Science platform for ALL the records returned in your alert.
- Alerts are delivered directly to your email (or multiple email addresses, suitable for viewing on your mobile device).

Managing your Results

Outputting your Results

The relevant results can be exported to other applications, for further analysis or to cite in your review.

Common options are to export to **Excel** for analysis and to **EndNote** (or another Reference Management application) for citing.

You can stipulate how much metadata is exported by selecting an option from the list.

Record Content:

- Author, Title, Source, Abstract
- Author, Title, Source
- Author, Title, Source, Abstract
- Full Record
- Full Record and Cited References

The screenshot displays the Web of Science search results page. The top section shows 'Results: 6,416 (from Web of Science Core Collection)' and the search criteria: 'TOPIC: ("Gravitational Wave")'. Below this is a 'Refine Results' section with a search bar and filter options like 'Highly Cited in Field (241)', 'Hot Papers in Field (8)', and 'Open Access (2,930)'. On the right, a list of results is shown, with the first result selected. An 'Export...' button is highlighted, and a dropdown menu is open, showing various export options: EndNote Desktop, EndNote Online, Excel, Other File Formats, Claim on Publons - track citations, InCites, FECYT CVN, RefWorks, Print, Email, and Fast 5K. The 'Excel' option is currently selected in the menu.

Analysis and Interpretation

FIND FULL TEXT find and attach PDFs to your references.

ORGANIZE YOUR REFERENCES

Create groups and drag and drop your references into them, or create automatic smart groups and let EndNote take care of this for you.

SEARCH EASILY Access thousands of online resources within EndNote. Customisable de-duplication tool.

VIEW AND ANNOTATE YOUR PDFS

Add sticky notes to your PDFs and search for them later. Use the built-in email functionality to quickly share a reference and its file attachments with others.

SYNC YOUR LIBRARY across desktop, online, and iPad®.

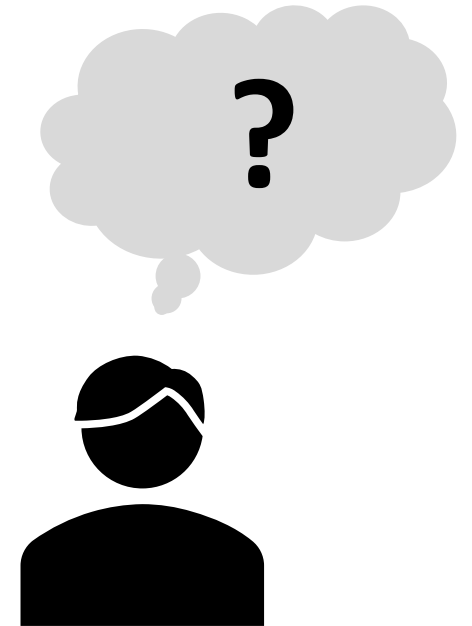
SHARE YOUR LIBRARY OR GROUPS and collaborate with other EndNote users.

The screenshot displays the EndNote X9 interface. On the left, the 'My Library' pane shows a list of groups: 'All References (221)', 'Configure Sync...', 'Recently Added', 'Unfiled (66)', 'Trash (10)', 'Unfiled Groups', '19 februarie (155)', 'INDUSTRY DATA', 'GRAPHENE NANOCOMPOSITES (0)', 'SMART GROUP (53)', 'TIC14 surface (2)', 'SCIENTIFIC DATA', 'CLOCK GENE (10)', 'PROJECT A (63)', 'PROJECT B (0)', 'Online Search', 'Alabama St U (0)', 'All Subscribed (Dialog) (0)', 'Baltimore Intl Coll (0)', 'Bib Arch nati Quebec (0)', 'Library of Congress (0)', 'LISTA (EBSCO) (0)', 'PubMed (NLM) (0)', 'Stockholms U (0)', 'U Bologna (0)', 'U Dundee (0)', 'Web of Science Core Collection (Clariva... (0)', and 'Find Full Text'. The main pane shows a list of references with columns for Author, Year, Title, Rating, Journal, Last Updated, and Ref. The bottom pane shows a preview of a PDF titled 'Radiotherapy for pain relief from bone metastases during Coronavirus (COVID-19) pandemic' by Rinaldi Carla Germana¹, Ippolito Edy¹, Greco Carlo¹, Matteucci Paolo¹, D'Angelillo Rolando Maria², and Ramella Sara¹. The preview includes affiliations: '1 Università Campus Biomedico di Roma, Radiotherapy Department' and '2 Fondazione Policlinico Tor Vergata, Radiotherapy Department'. It also lists the corresponding author: 'Corresponding Author: Carla Germana Rinaldi, Università Campus Biomedico, Roma, via Alvaro del Portillo, 200, 00128, Rome.' and contact information: 'c.rinaldi@unicampus.it Phone: 003906225418053'.

Analysis and Interpretation

Typical considerations when working on your literature review

- What is the balance between description and comment?
- Have I missed out any important dimension of the argument, or literature?
- Have I supported the development of each step in my argument effectively?
- Is the material presented in the most effective order?
- Are there places where the reader is left with unanswered questions?
- Is every element of my research question supported by the preceding material?
- Have I explained to the reader the relevance of each piece of evidence?
- Is there any material that is interesting but which does not contribute to the development of the argument?
- Have I explained adequately the justification for this research approach / topic / question?
- Are my references up to date?
- How effective is my linking of all the elements?



Writing the literature review

FIND AND SELECT CITATIONS and insert them into your manuscript.

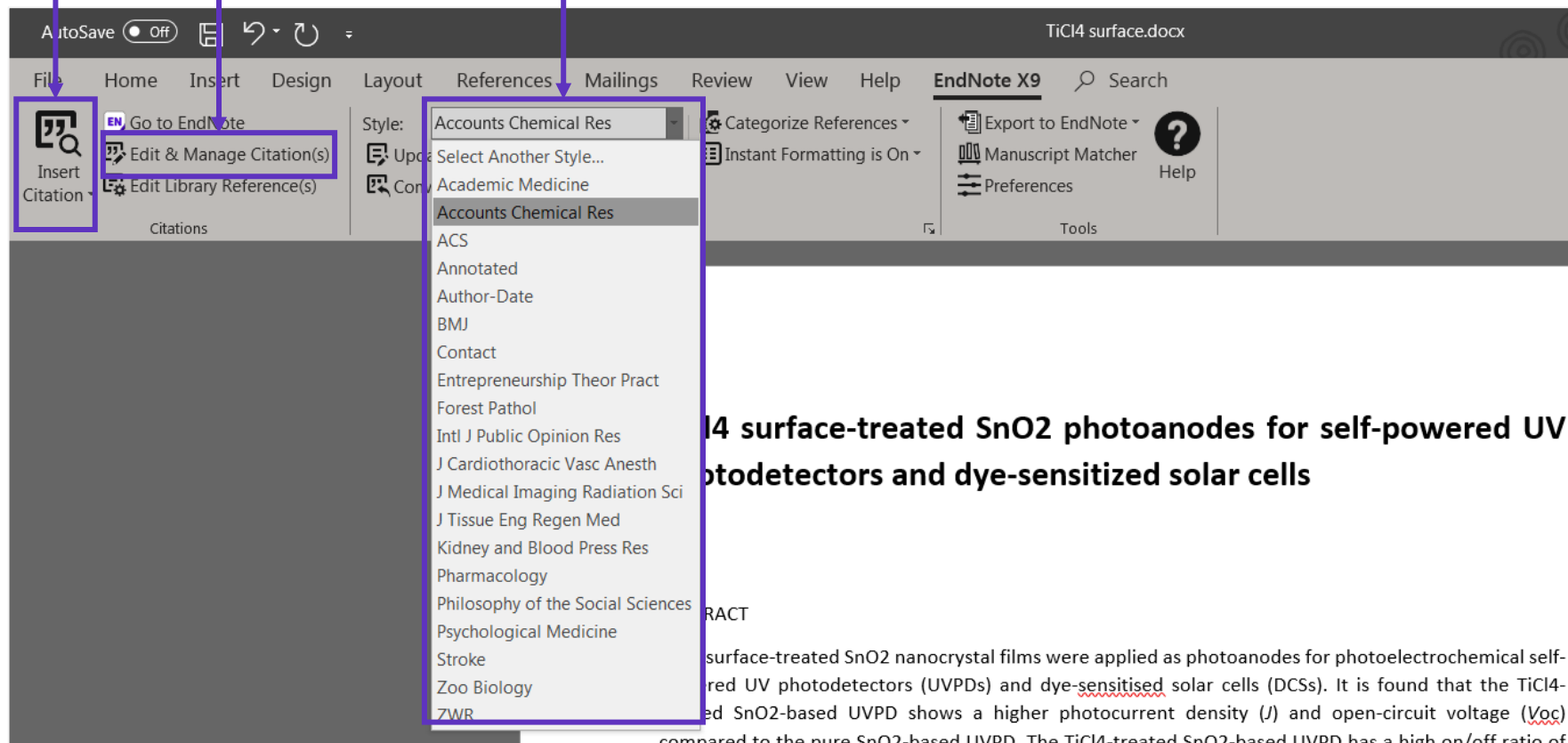
EDIT CITATIONS to add information such as a page number, or remove a reference from a group of citations.

REFORMAT YOUR ENTIRE PAPER and bibliography with one click.

Using EndNote's **Cite While You Write**, you can instantly insert and format citations and bibliographies when writing your review.

Over 7,000 styles are available, plus you can create your own.

Collaborate with others by sharing your library.



Publishing your Literature Review

Compare your options and start the submission process

EndNote returns a list of possible journal Matches, based on your title, abstract and list of references.

It provides the following information for the resulting journals:-

- Match Score
- JCR Impact Factor
- Journal
- JCR Category
- Rank in Category
- Quartile in Category
- Link to journal's website
- Publisher links

Clarivate Analytics

EndNote

My References

Collect

Organize

Format

Match

Options

Downloads

Find the Best Fit Journals for your Manuscript

Powered By Web of Science

9 Journal Matches

< Edit Manuscript Data

Expand All | Collapse All

Match Score	JCR Impact Factor Current Year 5 Year	Journal	Similar Articles	
<div><div></div></div>	8.758 2019 8.901 5 Year	ACS APPLIED MATERIALS & INTERFACES	0	<div>Was this helpful? YES NO</div> <div>Submit >></div> <div>Journal Information >></div>
<div><div>Top Keyword Rankings</div><div>Incident photon-to-current conversion efficiency</div></div> <div><div>JCR Category</div><div>MATERIALS SCIENCE, MULTIDISCIPLINARY</div><div>Rank in Category</div><div>33/314</div><div>Quartile in Category</div><div>Q1</div></div> <div><div>JCR Category</div><div>NANOSCIENCE & NANOTECHNOLOGY</div><div>Rank in Category</div><div>18/103</div><div>Quartile in Category</div><div>Q1</div></div> <div><div>Publisher:</div><div>1155 16TH ST, NW, WASHINGTON, DC 20036</div><div>ISSN: 1944-8244</div><div>eISSN: 1944-8252</div></div>				
<div><div></div></div>	3.119 2019 3.098 5 Year	RSC ADVANCES	0	<div>Was this helpful? YES NO</div> <div>Submit >></div> <div>Journal Information >></div>
<div><div></div></div>	11.301 2019 10.694 5 Year	JOURNAL OF MATERIALS CHEMISTRY A	0	<div>Was this helpful? YES NO</div> <div>Submit >></div> <div>Journal Information >></div>
<div><div></div></div>	4.189 2019 4.404 5 Year	JOURNAL OF PHYSICAL CHEMISTRY C	0	<div>Was this helpful? YES NO</div> <div>Submit >></div> <div>Journal Information >></div>
<div><div></div></div>	6.895 2019 7.315 5 Year	NANOSCALE	0	<div>Was this helpful? YES NO</div> <div>Submit >></div> <div>Journal Information >></div>
<div><div></div></div>	3.43 2019 3.735 5 Year	PHYSICAL CHEMISTRY CHEMICAL PHYSICS	0	<div>Was this helpful? YES NO</div> <div>Submit >></div> <div>Journal Information >></div>
<div><div></div></div>	7.059 2019 6.404 5 Year	JOURNAL OF MATERIALS CHEMISTRY C	0	<div>Was this helpful? YES NO</div> <div>Submit >></div> <div>Journal Information >></div>
<div><div></div></div>	3.551 2019 3.392 5 Year	NANOTECHNOLOGY	0	<div>Was this helpful? YES NO</div> <div>Submit >></div> <div>Journal Information >></div>
<div><div></div></div>	16.836 2019 15.722 5 Year	ADVANCED FUNCTIONAL MATERIALS	0	<div>Was this helpful? YES NO</div> <div>Submit >></div> <div>Journal Information >></div>

Publishing your Literature Review

Use Journal Citation Reports to compare journals you might publish in

Journal Citation Reports (JCR) provides detailed metrics on journals in the **Web of Science**.

Use these metrics to make an **informed decision** on which journal to try to get published in.

One example is the **% Articles in Citable Items**. If this is 0% the journal is focused on reviews, if it is 100% they do not publish reviews.

Journal Titles Ranked by Impact Factor					
Compare Selected Journals		Add Journals to New or Existing List		Customize Indicators	
Select All		Full Journal Title	Journal Impact Factor ▼	Citable Items	% Articles in Citable Items
<input type="checkbox"/>	1	TRENDS IN ECOLOGY & EVOLUTION	14.764	84	0.00
<input type="checkbox"/>	2	Annual Review of Ecology Evolution and Systematics	14.041	25	0.00
<input type="checkbox"/>	3	Nature Ecology & Evolution	12.541	175	93.14
<input type="checkbox"/>	4	FRONTIERS IN ECOLOGY AND THE ENVIRONMENT	9.295	51	64.71
<input type="checkbox"/>	5	ISME Journal	9.180	250	99.20
<input type="checkbox"/>	6	ECOLOGY LETTERS	8.665	196	91.84
<input type="checkbox"/>	7	GLOBAL CHANGE BIOLOGY	8.555	321	95.02
<input type="checkbox"/>	8	ECOLOGICAL MONOGRAPHS	7.722	51	96.08
<input type="checkbox"/>	9	Methods in Ecology and Evolution	6.511	196	93.88

Publishing your Literature Review

The Master Journal List provides plenty of useful information too



The Master Journal List provides detailed information on journals in the **Web of Science**.

Useful information includes **Open Access** status, including **APC fees**.

There is also valuable information on a journal's **review process**, like whether they operate 'blind' or 'double blind' reviews.

It also provides the **average time from submission to publication**.

General Information			
Society or Institution	Helmholtz Association; European Sustainable Energy Innovation Alliance (ESEIA)	Journal Website	Visit Site
Publisher Website	Visit Site	1st Year Published	2011
Frequency	Continuous publication	Issues Per Year	1
Country / Region	ENGLAND	Primary Language	English
Aims and Scope	Visit Site	Editorial Board	Visit Site
Instructions for Authors	Visit Site	Avg. Number of Weeks from Submission to Publication	13

Open Access Information 			
OA Statement	Visit Site	APC Fee	730 GBP
License	 Visit Site	Author Holds Copyright without Restrictions	Yes
Waiver Policy	Visit Site	Deposit Policy Directory	Sherpa/Romeo
Archiving	CLOCKSS, LOCKSS, Portico	Full-Text Crawling Permitted	Yes

Peer Review Information			
Type of Peer Review	Blind peer review	Review Policy	Visit Site
Publons Partner ⓘ	Yes	Claimed Reviews on Publons ⓘ	249
Public Reports on Publons ⓘ	No	Signed Reports on Publons ⓘ	No
Publons Transparent Peer Review Partner ⓘ	No	Publons User Endorsements ⓘ	11

Additional Resources

Web of Science Group Learning

Get all the support and training you need to make the most of your Web of Science Group products



Videos



Self-Guided Learning



Live Training



LibGuides



Thank you

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