

# Your essential guide to literature reviews

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# Clarivate Blog Post

This Webinar has a related blog post

Check it out for additional information!

[Blog Link](#)

## 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](#).*

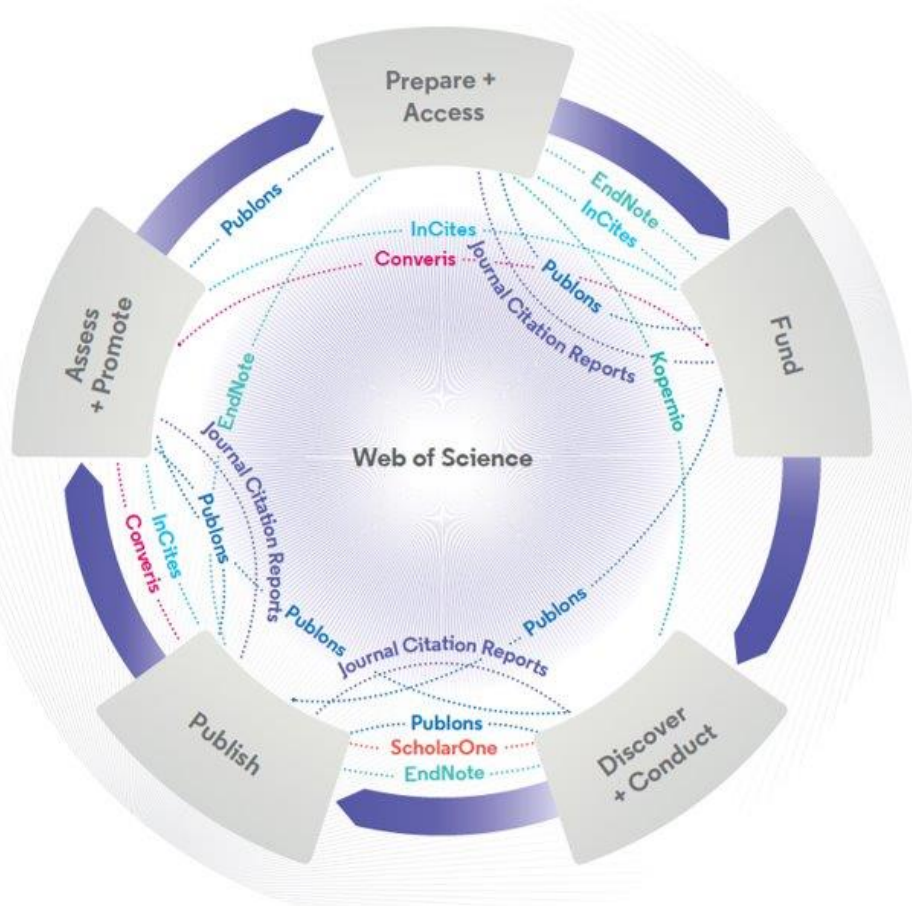
### How do you write a narrative literature review?

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 during the process
  - Searching
  - Evaluating
  - Analyzing
  - Writing
  - Publishing
3. Additional Resources
4. Live Demonstration

# Clarivate in the 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

Analyze 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  |
|---------------------|---|--|
| <b>Definition</b>   | 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 |
| <b>Goals</b>        | Answers a focused clinical question<br>Eliminate bias   | Provide summary or overview of topic   |
| <b>Question</b>     | Clearly defined and answerable clinical question<br>Recommend using PICO as a guide   | Can be a general topic or a specific question  |
| <b>Components</b>   | Pre-specified eligibility criteria<br>Systematic search strategy<br>Assessment of the validity of findings<br>Interpretation and presentation of results<br>Bibliography        | Introduction<br>Methods<br>Discussion<br>Conclusion<br>Bibliography  |
| <b># of Authors</b> | Three or more   | One or more  |
| <b>Timeline</b>     | Months to years, Average eighteen months  | Weeks to months  |
| <b>Requirement</b>  | Thorough knowledge of topic<br>Perform searches of all relevant databases<br>Statistical analysis resources (for meta-analysis)   | Understanding of topic<br>Perform searches of one or more databases  |
| <b>Value</b>        | Connects practicing clinicians to high quality evidence<br>Supports evidence-based practice   | Provides summary of literature on the topic  |

# Literature Review

## Sources

- <https://pitt.libguides.com/c.php?g=210872&p=1391698>
- <https://advice.writing.utoronto.ca/types-of-writing/literature-review/>
- <https://writingcenter.unc.edu/tips-and-tools/literature-reviews/>
- <https://guides.library.ucsc.edu/write-a-literature-review>
- <https://writing.wisc.edu/handbook/assignments/reviewofliterature/>

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
- ✓ an evaluation of the publication's contribution to the topic
- ✓ identification of critical gaps, points of disagreement, or potentially flawed methodology or theoretical approaches
- ✓ indicates potential directions for future research

# Literature Review



## Problem formulation

clearly defining which topic or field is being examined and what its main issues are



## Literature search

finding all materials relevant to the subject being explored



## 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 can get you published in an appropriate journal to inform others 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: Web of Science

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>

[Search Rules](#) →

[Search Operators](#) →

[Sort Options](#) →

[Wildcards](#) →

An example of an  
iterative search  
around a subject.

Cast your net wide  
but not too wide.

A more complex  
example.

|        |   |
|--------|---|
| 1,674  | TS="Cancer therapy" AND TS=nanoparticle AND TS="drug delivery"<br><i>Indexes=SCI-EXPANDED, SSCI, A&amp;HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=All years</i> |
| 3,021  | TS="cancer therapy" AND TS=nanoparticle<br><i>Indexes=SCI-EXPANDED, SSCI, A&amp;HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=All years</i>                        |
| 12,810 | TS="cancer therapy" AND TS=nanopart*<br><i>Indexes=SCI-EXPANDED, SSCI, A&amp;HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=All years</i>                           |
| 70,899 | TS=("cancer therapy" OR "drug delivery") AND TS=nanopart*<br><i>Indexes=SCI-EXPANDED, SSCI, A&amp;HCI, CPCI-S, CPCI-SSH, BKCI-S, BKCI-SSH, ESCI, CCR-EXPANDED, IC Timespan=All years</i>      |

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 (article, review, book, etc.)
- Publication Years
- Organization-Enhanced (Unified Organizations)
- Source Titles (journal, conference name, etc.)
- Funding Agencies
- Open Access (including type of Open Access)
- And more!

You can then also choose how to **Sort** your results by newest, most cited, usage count, relevance, etc.

The screenshot displays a search results page with the following elements:

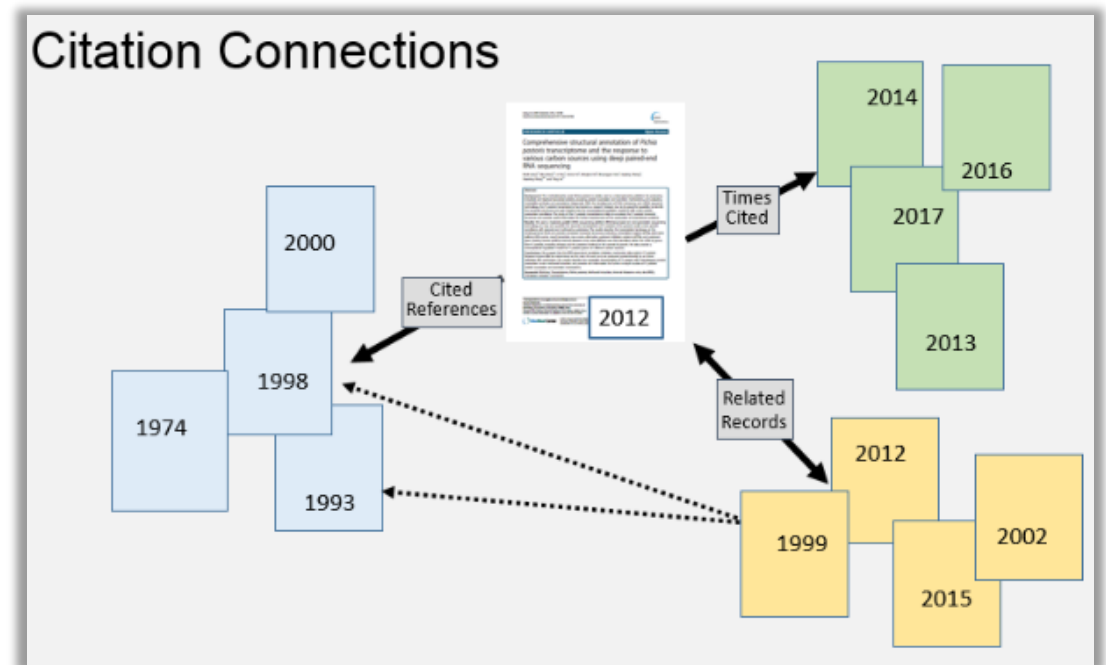
- Results:** 19,098 (from Web of Science Core Collection)
- Search Query:** You searched for: TOPIC: ("Gravitational Wave") ... More
- Sort by:** Date (selected), Times Cited, Usage Count, Relevance, More
- Refine Results:** A sidebar on the left with a search box and filter sections:
  - Filter results by:** Highly Cited in Field (339), Hot Papers in Field (8), Open Access (6,198), Associated Data (36)
  - Publication Years:** 2020 (737), 2019 (1,643), 2018 (1,577), 2017 (1,348), 2016 (1,111)
  - Web of Science Categories:** ASTRONOMY ASTROPHYSICS (12,897), PHYSICS PARTICLES FIELDS (8,679), PHYSICS MULTIDISCIPLINARY (4,711), QUANTUM SCIENCE TECHNOLOGY (1,849), OPTICS (964)
- Search Results:** A list of 6 articles, each with a checkbox, title, author, journal, volume, article number, and publication date. Each result includes a 'Full Text from Publisher' button and a 'View Abstract' dropdown.

# Explore the Citation Network | Backward & Forward Citations

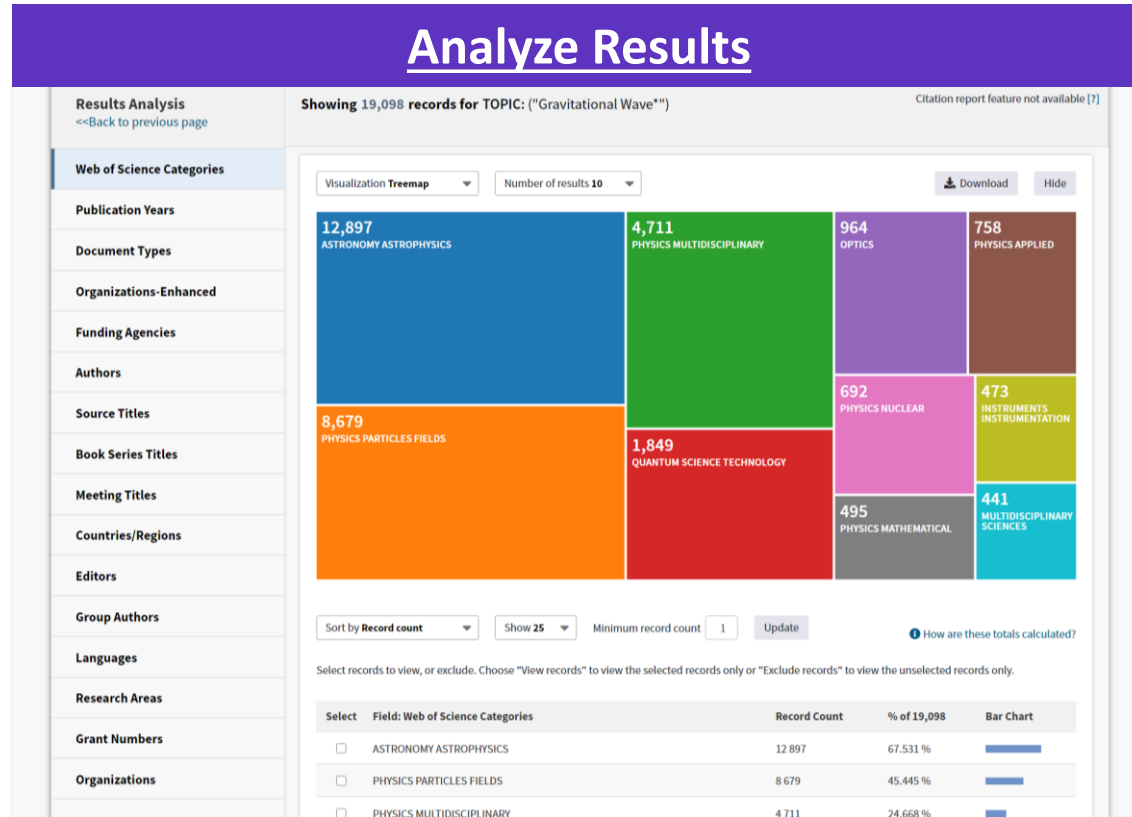
- **Cited References** – the research that a paper cites
- **Times Cited** – more recently published papers that cite the paper
- **Related Records** – papers which share at least one cited reference in common with the paper. If they share citations, they're likely discussing similar topics.

It is particularly useful:

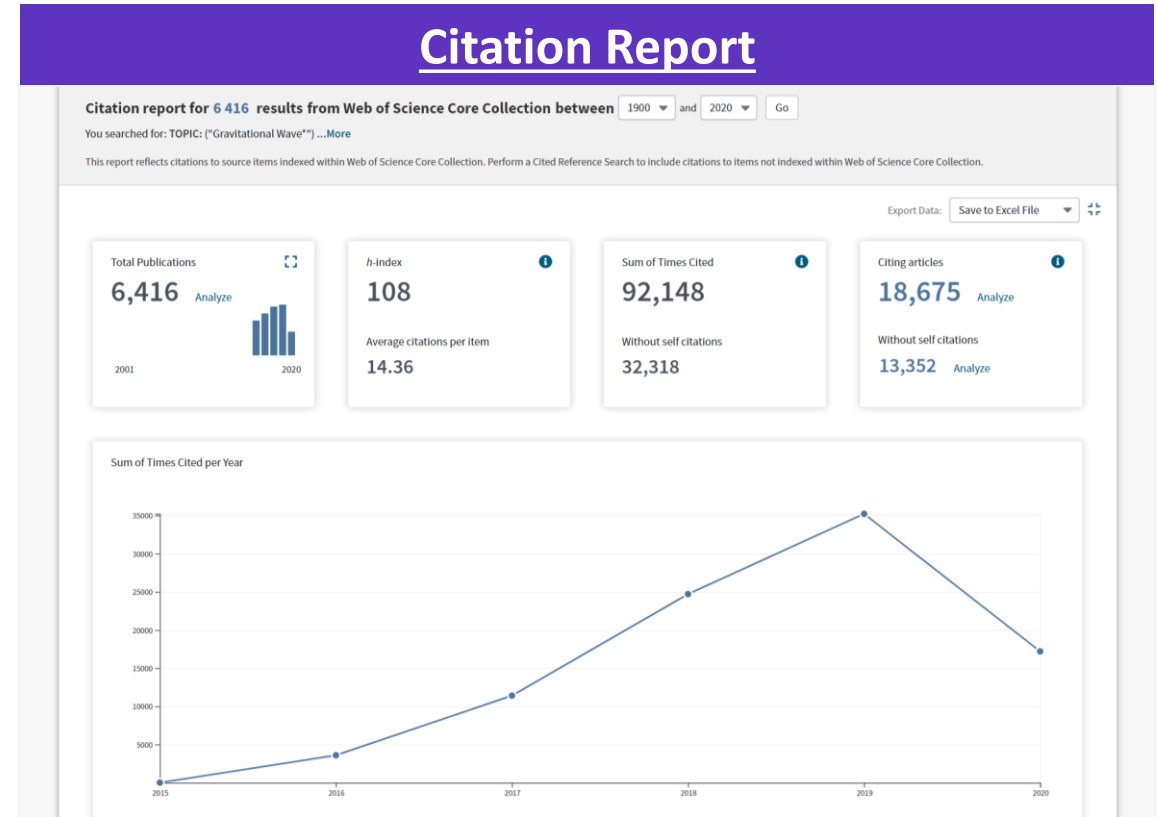
- Where keywords in the topic are not easy to define
- Where older research needs to be traced
- When you need to see where a research trend leads



# 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 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.

# 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

**Citations** take time to accrue, so they may not be the best indicators 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. This 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 built-in 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

## Saving Searches & Creating Alerts (to keep up to date)

**Search Alerts** - save a search and establish a daily, weekly or monthly email notification when new publications are added that match.

**Searches** can be re-run, which means results are **repeatable**.

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

In addition, there are two other types of Alerts:

**Citation Alerts** - have a favorite 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.

### 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).

Alert Name \*  
Covid-19

Inactive Active

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...

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

Create alert

Alert Name

Send me email alerts

Create alert

Cancel

# 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:

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.

Step 3: Select destination. [Learn about saving to bibliographic software]

Export...

Save Marked List

Name: Review\_Hot\_Papers

Description: These I need to come back to next month.

Store up to 50 marked lists in Web of Science

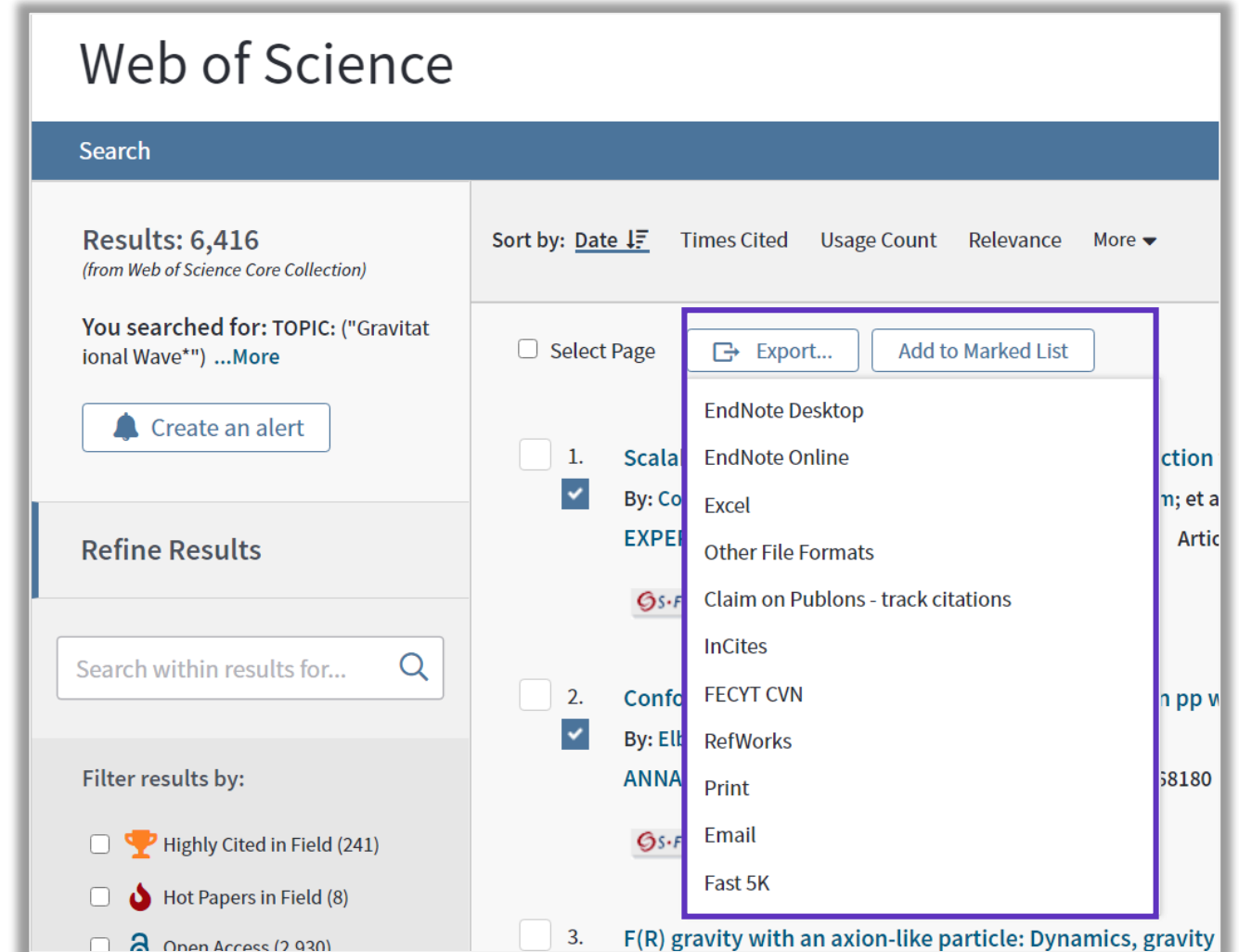
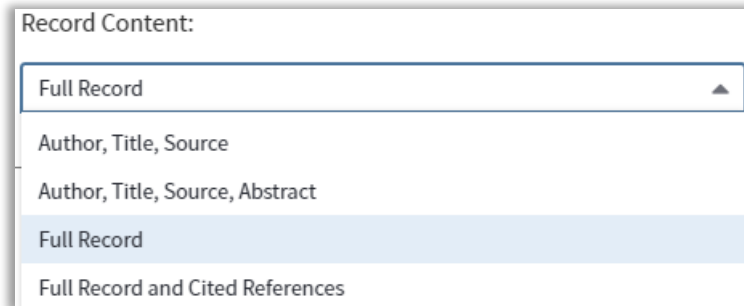
Save Cancel

# Managing your Results

## Exporting 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 system) for citing. You can choose how much metadata is exported by selecting an option from the list.





# Analysis and Interpretation

**FIND FULL TEXT** find and attach PDFs to your references.

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

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

**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.

**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.

The screenshot shows the EndNote X9 interface. On the left, the 'My Library' pane is visible with various groups like 'All References (221)', 'Unfiled (66)', and 'Unfiled Groups'. A 'Find Full Text' button is highlighted at the bottom of the library pane. The main window displays a list of references with columns for Author, Year, Title, Rating, Journal, Last Updated, and Ref. A specific reference is selected, and its PDF is previewed on the right. The PDF title is 'Radiotherapy for pain relief from bone metastases during Coronavirus (COVID-19) pandemic'. The author is 'Rinaldi Carla Germana<sup>1</sup>, Ippolito Eddy<sup>1</sup>, Greco Carlo<sup>1</sup>, Matteucci Paolo<sup>1</sup>, D'Angelillo Rolando Maria<sup>2</sup>, Ramella Sara<sup>1</sup>'. The preview also shows affiliations and contact information for the corresponding author.

# Analysis and Interpretation

## Useful questions at this stage include:

- 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 references and format citations and bibliographies while writing your review in Microsoft Word.

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

Collaborate with others by sharing your library.

The screenshot displays the EndNote X9 interface within a Microsoft Word document titled 'TiCl4 surface.docx'. The 'References' ribbon is active, showing the 'Citations' group with buttons for 'Insert Citation', 'Go to EndNote', 'Edit & Manage Citation(s)', and 'Edit Library Reference(s)'. A dropdown menu is open, listing various citation styles such as 'Accounts Chemical Res', 'ACS', 'Annotated', 'Author-Date', 'BMJ', 'Contact', 'Entrepreneurship Theor Pract', 'Forest Pathol', 'Intl J Public Opinion Res', 'J Cardiothoracic Vasc Anesth', 'J Medical Imaging Radiation Sci', 'J Tissue Eng Regen Med', 'Kidney and Blood Press Res', 'Pharmacology', 'Philosophy of the Social Sciences', 'Psychological Medicine', 'Stroke', 'Zoo Biology', and 'ZWR'. The document text visible includes the title 'TiCl4 surface-treated SnO2 photoanodes for self-powered UV photodetectors and dye-sensitized solar cells' and the start of an abstract: 'TiCl4 surface-treated SnO2 nanocrystal films were applied as photoanodes for photoelectrochemical self-powered UV photodetectors (UVPDs) and dye-sensitized solar cells (DCSs). It is found that the TiCl4-treated SnO2-based UVPD shows a higher photocurrent density (J) and open-circuit voltage (Voc) compared to the pure SnO2-based UVPD. The TiCl4-treated SnO2-based UVPD has a high on/off ratio of'.

# Publishing your Literature Review

Compare your options and start the submission process

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

Manuscript Matcher provides the following information for the resulting journals:

- Match Score
- JCR Impact Factor
- Journal title
- JCR category
- Rank in Category
- Quartile in Category
- Link to journal's website
- Links to publish

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<br>Current Year   5 Year | Journal   | Similar Articles |  |
|--|--|---|------------------|--|
|  | 8.768<br>2019   8.901<br>5 Year            | ACS APPLIED MATERIALS & INTERFACES  | 0                | Was this helpful?<br>✓ YES ✗ NO<br><a href="#">Submit &gt;&gt;</a><br><a href="#">Journal Information &gt;&gt;</a> |
| Top Keyword Rankings                             |  | JCR Category  | Rank in Category | Quartile in Category   |
| incident photon-to-current conversion efficiency |  | MATERIALS SCIENCE, MULTIDISCIPLINARY  | 33/314           | Q1   |
|  |  | NANOSCIENCE & NANOTECHNOLOGY  | 18/103           | Q1   |
|  |  | Publisher:<br>1155 16TH ST, NW, WASHINGTON, DC 20036<br>ISSN: 1944-8244<br>eISSN: 1944-8252 |                  |  |
|  | 3.119<br>2019   3.098<br>5 Year            | RSC ADVANCES  | 0                | Was this helpful?<br>✓ YES ✗ NO<br><a href="#">Submit &gt;&gt;</a><br><a href="#">Journal Information &gt;&gt;</a> |
|  | 11.301<br>2019   10.694<br>5 Year          | JOURNAL OF MATERIALS CHEMISTRY A  | 0                | Was this helpful?<br>✓ YES ✗ NO<br><a href="#">Submit &gt;&gt;</a><br><a href="#">Journal Information &gt;&gt;</a> |
|  | 4.189<br>2019   4.404<br>5 Year            | JOURNAL OF PHYSICAL CHEMISTRY C   | 0                | Was this helpful?<br>✓ YES ✗ NO<br><a href="#">Submit &gt;&gt;</a><br><a href="#">Journal Information &gt;&gt;</a> |
|  | 6.895<br>2019   7.315<br>5 Year            | NANOSCALE   | 0                | Was this helpful?<br>✓ YES ✗ NO<br><a href="#">Submit &gt;&gt;</a><br><a href="#">Journal Information &gt;&gt;</a> |
|  | 3.43<br>2019   3.735<br>5 Year             | PHYSICAL CHEMISTRY CHEMICAL PHYSICS   | 0                | Was this helpful?<br>✓ YES ✗ NO<br><a href="#">Submit &gt;&gt;</a><br><a href="#">Journal Information &gt;&gt;</a> |
|  | 7.059<br>2019   6.404<br>5 Year            | JOURNAL OF MATERIALS CHEMISTRY C  | 0                | Was this helpful?<br>✓ YES ✗ NO<br><a href="#">Submit &gt;&gt;</a><br><a href="#">Journal Information &gt;&gt;</a> |
|  | 3.551<br>2019   3.392<br>5 Year            | NANOTECHNOLOGY  | 0                | Was this helpful?<br>✓ YES ✗ NO<br><a href="#">Submit &gt;&gt;</a><br><a href="#">Journal Information &gt;&gt;</a> |
|  | 16.836<br>2019   15.722<br>5 Year          | ADVANCED FUNCTIONAL MATERIALS   | 0                | Was this helpful?<br>✓ YES ✗ NO<br><a href="#">Submit &gt;&gt;</a><br><a href="#">Journal Information &gt;&gt;</a> |

# Publishing your Literature Review

Use Journal Citation Reports to compare journals you might publish in.

## Journal Citation Reports (JCR)

provides detailed journal metrics in the Web of Science Core Collection.

Use these metrics to make an **informed decision** on which journal to submit your manuscript.

[JCR 2020 Now Available \(link\)](#)

| 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 |

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

# 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**.

[Master Journal List](#)

| General Information   |  |  |                            |
|---|--|--|----------------------------|
| Society or Institution  | Helmholtz Association; European Sustainable Energy Innovation Alliance (ESEIA)                                 | Journal Website  | <a href="#">Visit Site</a> |
| Publisher Website   | <a href="#">Visit Site</a>   | 1st Year Published   | 2011                       |
| Frequency   | Continuous publication   | Issues Per Year  | 1                          |
| Country / Region  | ENGLAND  | Primary Language   | English                    |
| Aims and Scope  | <a href="#">Visit Site</a>   | Editorial Board  | <a href="#">Visit Site</a> |
| Instructions for Authors  | <a href="#">Visit Site</a>   | Avg. Number of Weeks from Submission to Publication  | 13                         |
| Open Access Information                    |  |  |                            |
| OA Statement  | <a href="#">Visit Site</a>   | APC Fee  | 730 GBP                    |
| License   |  <a href="#">Visit Site</a> | Author Holds Copyright without Restrictions  | Yes                        |
| Waiver Policy   | <a href="#">Visit Site</a>   | 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  | <a href="#">Visit Site</a> |
| 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


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**Q&A**





# Thank you

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