

## Pubmed

### What is Pubmed?

PubMed provides **free** access to **MEDLINE**, a database of over 28 million citations covering the fields of medicine, dentistry, nursing and allied health.



### How do I access Pubmed?

To access Pubmed go to:

<https://pubmed.ncbi.nlm.nih.gov/>

You can use the database straight away or create an account, which will allow you to save searches and collections.

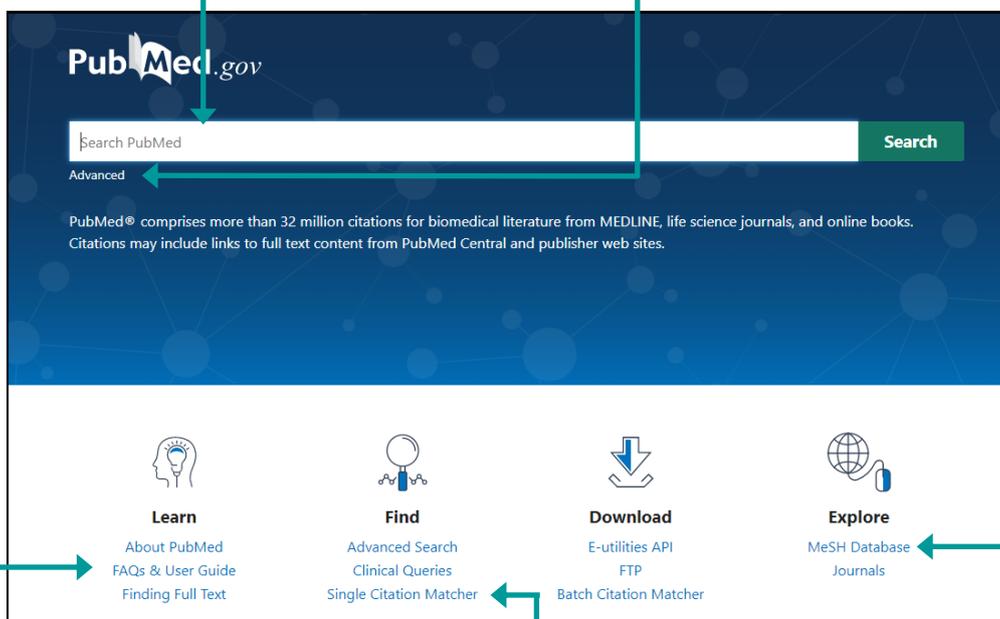
### Using Pubmed

#### Basic Search - Quick but not always effective

Use this option for **simple keyword searching**. This is quick but a search may retrieve thousands of results.

#### Advanced Search - Most effective method

Use this option to undertake a more thorough search and to combine different search terms together using **Boolean operators AND & OR**.



See the **User Guide and FAQs** for help using the system.

Find a specific journal article using the **Single Citation Matcher**.

Find appropriate medical subject headings using the **MeSH Database**.

## Basic search

To do a basic search, place your keyword(s) in the search box and click **Search**.



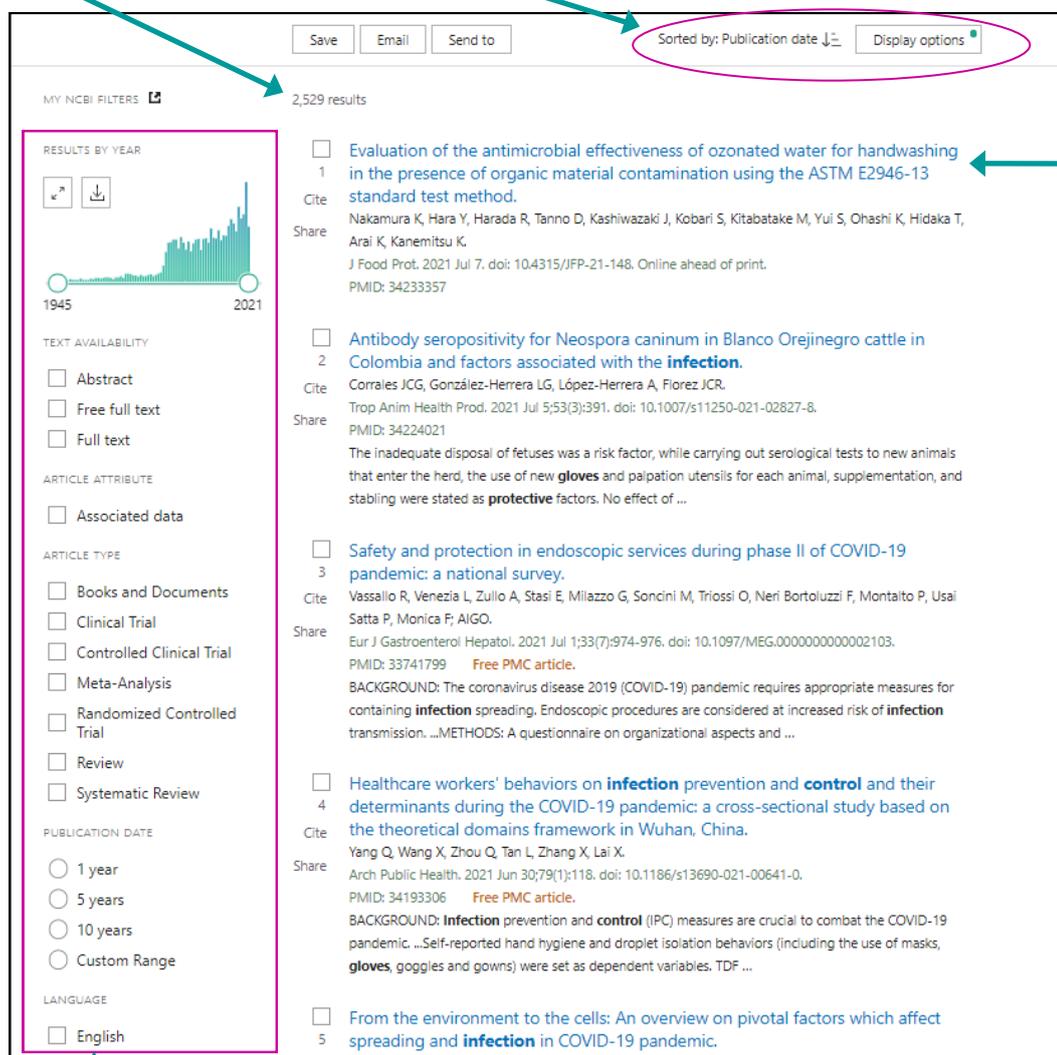
A search bar with the text "infection control gloves" and a "Search" button. Below the search bar, the word "Advanced" is visible.

A results page will appear

Number of articles found.

Sort results to view them in different ways and change the format to show abstracts.

List of articles showing the title, authors and journal information. Click on the title of an article to see the full details.



The screenshot shows a search results page for "infection control gloves". At the top, there are buttons for "Save", "Email", and "Send to". Below these, it says "Sorted by: Publication date" and "Display options". The main content area shows "2,529 results" and a list of articles. On the left, there are filters for "RESULTS BY YEAR" (with a bar chart), "TEXT AVAILABILITY" (Abstract, Free full text, Full text), "ARTICLE ATTRIBUTE" (Associated data), "ARTICLE TYPE" (Books and Documents, Clinical Trial, Controlled Clinical Trial, Meta-Analysis, Randomized Controlled Trial, Review, Systematic Review), "PUBLICATION DATE" (1 year, 5 years, 10 years, Custom Range), and "LANGUAGE" (English).

Annotations with arrows point to various parts of the page:

- An arrow points from the "Number of articles found." box to the "2,529 results" text.
- An arrow points from the "Sort results..." box to the "Sorted by: Publication date" dropdown.
- An arrow points from the "List of articles..." box to the first article title: "Evaluation of the antimicrobial effectiveness of ozonated water for handwashing in the presence of organic material contamination using the ASTM E2946-13 standard test method."
- An arrow points from the "Use the filters..." box to the filter sidebar.
- An arrow points from the "Use the button at the bottom..." box to a "Show more results" button at the bottom right.

Use the **filters** to refine your search results.

Use the button at the bottom of the page to show more results.

Show more results

## Advanced search

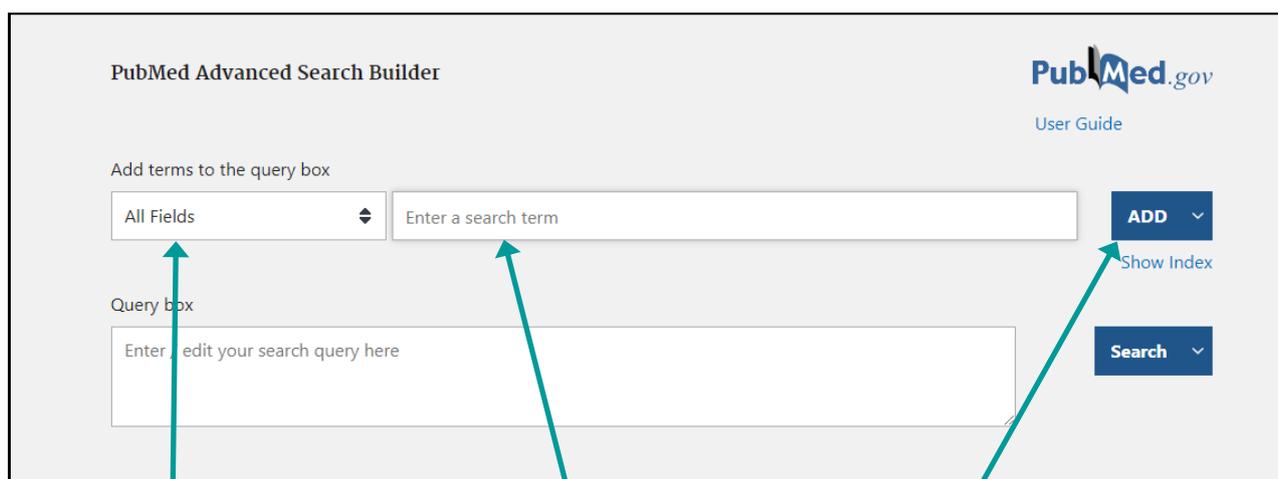
To do an advanced search, click on the **Advanced** link under the search box.



### Pubmed Advanced Search Builder will open

The advanced search option allows you to undertake a **more comprehensive search**. The most effective way to search PubMed is to search for each concept within your question separately, and then combine them together with the **Boolean operators AND and OR**.

For help and guidance on planning a literature search and developing a full search strategy, please contact us on [library@lthtr.nhs.uk](mailto:library@lthtr.nhs.uk)



Select which field(s) you would like to search in e.g. title, abstract, all fields.

Enter your search terms into the box provided.

Use the **Boolean operators** in the drop down box to combine parts of your search together.

### As you enter your terms and begin searching, a search history will appear

Search	Actions	Details	Query	Results	Time
#3	...	>	Search: #1 AND #2 Sort by: <b>Publication Date</b>	2,272	07:23:45
#2	...	>	Search: <b>fatigue</b> [Title] Sort by: <b>Publication Date</b>	28,259	07:23:25
#1	...	>	Search: ( <b>cancer</b> [Title]) OR ( <b>oncology</b> [Title]) Sort by: <b>Publication Date</b>	1,087,539	07:23:13

The search history shows the number of results returned from each stage of your search. Click on the link to view the articles.

## Other Pubmed features

### Clipboard

Use the **Clipboard** to temporarily save selected articles for up to 8 hours.

To add items to the clipboard, tick the boxes beside the article(s) you want to keep.

Then under the **Send to** option at the top of the page, select **Clipboard**.

59  **Falls After Hospital Discharge: A Randomized Clinical Trial of Individualized Multimodal Falls Prevention Education.**  
Hill AM, McPhail SM, Haines TP, Morris ME, Etherton-Bear C, Shorr R, Flicker L, Bulsara M, Waldron N, Lee DA, Francis-Coad J, Boudville A.  
J Gerontol A Biol Sci Med Sci. 2019 Aug 16;74(9):1511-1517. doi: 10.1093/gerona/glz026. PMID: 30721940 **Free PMC article.** Clinical Trial.

60  **Evaluating a falls prevention intervention in older home care recipients: a comparison of SF-6D and EQ-5D.**  
Bjerk M, Brovold T, Davis JC, Bergland A.  
Qual Life Res. 2019 Dec;28(12):3187-3195. doi: 10.1007/s11136-019-02258-x. Epub 2019 Jul 30. PMID: 31364036

Save Email **Send to**

Clipboard  
My Bibliography  
Collections  
Citation manager

### Collections

Setting up a free Pubmed account allows you to:

- ◆ Save searches permanently
- ◆ Save collections of citations
- ◆ Set up automatic email updates
- ◆ Set up your own display formats for Pubmed
- ◆ Customise filters

To set up an account, click on the **Log in** link in the top right hand corner.



Select the articles you want to keep, click 'Send to' and select 'Collections'.

### Saving and emailing search results

When you have completed your search, you can output your results from Pubmed.

22  **Systematic Review and Meta-Analysis of Intervention Studies with General Practitioner Involvement Focused on Falls Prevention for Community-Dwelling Older People.**  
Mackenzie L, Scotts-Adw, Ian ACW, Clemson L.  
Ageing Health. 2020 Dec;32(10):1562-1578. doi: 10.1177/0898264320945168. Epub 2020 Sep 11. PMID: 32912102

23  **Re-contact rates with a UK ambulance service following paramedic referral to a falls prevention service for those aged 65 years: a retrospective cohort study.**  
Scott J.  
Br Paramed J. 2020 Sep 1;5(2):18-25. doi: 10.29045/14784726.2020.09.5.2.18. PMID: 33456387

Tick the boxes beside the article(s) you want to output

Use the **Save and Email** options at the top of the page to output your results



To book onto a Pubmed training course, please contact:

**Andrew Craig**, E-Resources Officer, [andrew.craig@lhtr.nhs.uk](mailto:andrew.craig@lhtr.nhs.uk)