

# Bibliographic Databases

*Bibliographic databases are organized collections of references to scholarly publications, such as articles, books, and conference papers. They help researchers easily find relevant literature, track citations, and stay updated in their field.*

## Web of Science (WoS)

Web of Science is a trusted multidisciplinary research database by Clarivate that provides access to high-quality scholarly articles, conference papers, and citation data. It helps researchers track citations, measure impact through tools like the h-index and Journal Impact Factor, and manage profiles via ResearcherID. Widely used for academic research, evaluation, and funding, it's known for its rigorous indexing standards and integration with ORCID.

## Scopus

Scopus is a comprehensive abstract and citation database by Elsevier that covers peer-reviewed literature across science, technology, medicine, social sciences, and arts and humanities. It offers tools to track citations, analyze research impact, and evaluate author performance through the Scopus Author ID and metrics like h-index. Scopus is widely used for literature reviews, academic evaluations, and research trend analysis.

## Google Scholar

Google Scholar is a free academic search engine by Google that indexes scholarly articles, theses, books, conference papers, and patents across all disciplines. It provides citation counts, author profiles (with a unique Google Scholar ID), and metrics like h-index and i10-index. It's widely used for quickly finding research materials and tracking citation impact, though its coverage is broader and less curated than databases like Scopus or Web of Science.

## PubMed

PubMed is a free bibliographic database maintained by the U.S. National Library of Medicine, primarily covering biomedical and life sciences literature. It provides access to over 35 million citations from journals, books, and clinical studies, with many linking to full-text content via PubMed Central (PMC). Widely used by researchers, clinicians, and students, PubMed offers reliable, up-to-date references in medicine, nursing, dentistry, and health sciences.

## MathSciNet

MathSciNet is a specialized bibliographic database maintained by the American Mathematical Society (AMS), focused on mathematics and related fields. It offers expert reviews, abstracts, and citation data for articles, books, and conference proceedings. Each author is assigned a unique Mathematical Reviews Author ID, helping to accurately track their scholarly contributions. MathSciNet is widely used by mathematicians for discovering peer-reviewed, high-quality research in the mathematical sciences.