

Building Strong Research Foundations with Scopus

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Scopus



Advancing human progress together

Agenda

- What is Scopus?
- Scopus content coverage
- How Scopus Supports Literature Searches
- Creating powerful search queries
- Master Advanced Search
- Refine Search Results
- Save, Export, Set-up Alerts
- Summary & Key Takeaways
- Resources
- Q&A

What you will learn

- Understand what Scopus is and what types of academic content it includes
- Develop practical skills for discovering, assessing, and working with scholarly literature
- Use keywords and filters to find relevant research efficiently
- Read article records to identify authors, journals, and publication details
- Understand basic indicators such as citation counts and what they can (and cannot) tell you
- Save, export, and organise references for assignments and projectst

What is Scopus?

Scopus is an abstract and citation database carefully curated by independent subject matter experts, ensuring high-quality, unbiased information.

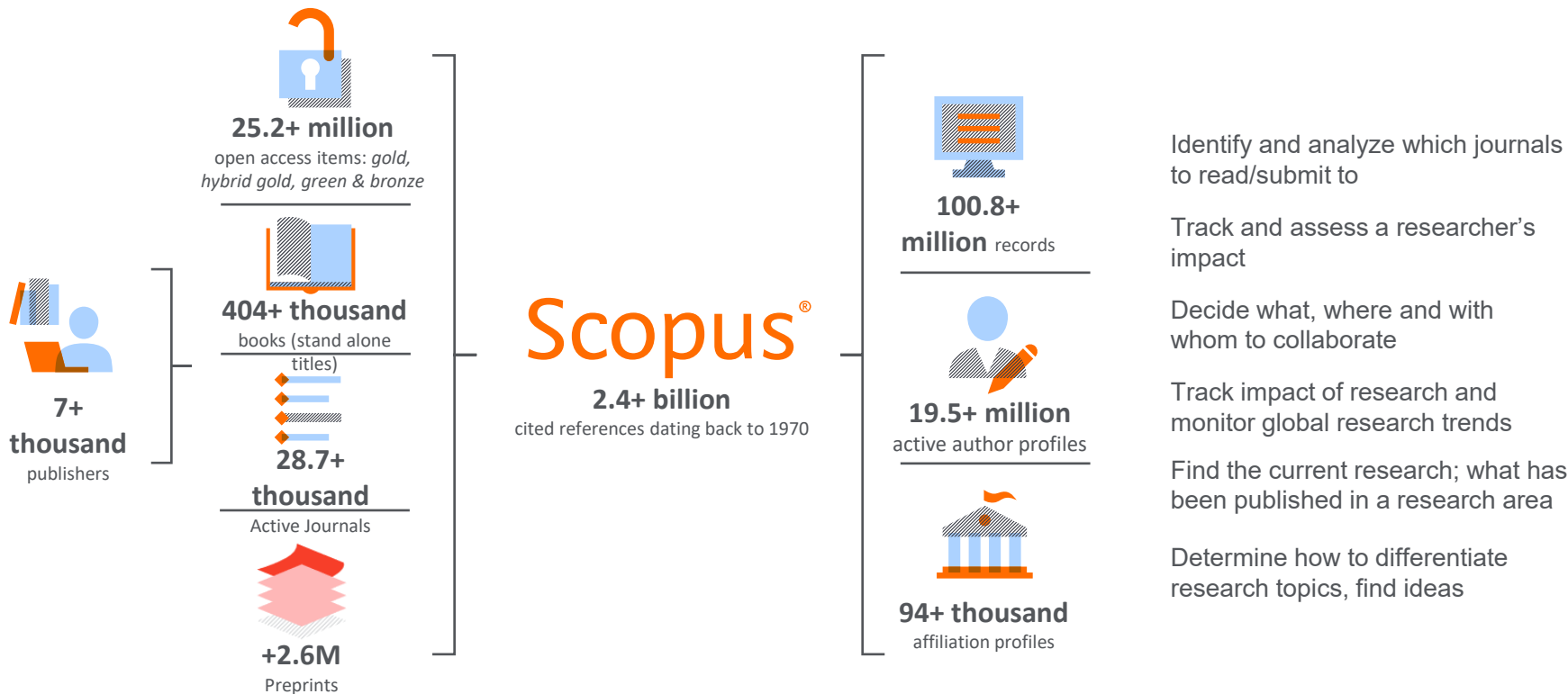


The name, **Scopus**, was inspired by the bird, *Phylloscopus Collybita*, which reportedly has excellent navigation skills.

Scopus Content Coverage

ELSEVIER

Curated, enriched and connected data that surfaces signals about research that are intuitive to access and understand



Scopus at a glance

Scopus is an abstract and citation database carefully curated by independent subject matter experts, ensuring high-quality, unbiased information.

100M records from **28.7K** active journals | More than **7,000+** publishers in **105** countries | Updated daily **~13,000** articles per day indexed | **20,5 M** active author profiles | **94+ K** affiliation profiles

Number of journals by subject area**	Journals	Conferences	Books	Preprints
Physical sciences 15,744	28,791** active peer-reviewed journals 167 trade journals 8,137 OA Journals (DOAJ/ROAD) 25.1M open access documents (Gold, Hybrid Gold, Bronze & Green) 23.4M fully-indexed funding acknowledgements	167K conference events 12.91M conference papers Mainly Engineering and Computer Sciences	399K stand-alone books 3.56M total book items Focus on Social Sciences and A&H	2.6M preprints 7 preprint servers: <ul style="list-style-type: none">• arXiv• ChemRxiv• bioRxiv• medRxiv• SSRN• TechRxiv• Research Square
Health sciences 15,525				
Social sciences 16,279				
Life sciences 8,414				

*Journals may be classified in multiple subject areas: this count includes current actively indexed titles only

**Total number of Scopus journals in database including inactive titles is 45,495

Content Selection & Advisory Board (CSAB)

- Independent board of subject experts from all over the world
- Comprised of **17 Subject Chairs**
- Chosen for their expertise in specific subject areas; most have (journal) Editor experience.
- Rigorous and transparent quality and ethics selection criteria used to evaluate potential titles
- Regularly re-evaluates Scopus content and discontinues titles no longer meeting the guidelines

- <https://www.elsevier.com/solutions/scopus/how-scopus-works/content/scopus-content-selection-and-advisory-board>
- https://www.elsevier.com/products/scopus/content?dgcid=RN_AGCM_Sourced_300005030#3-selection-standards



Scopus Key Use Cases



How Scopus support Literature Searches

ELSEVIER

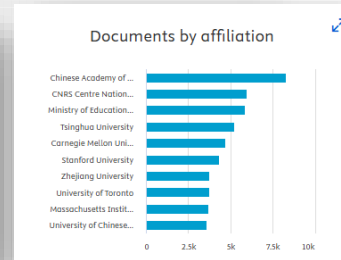
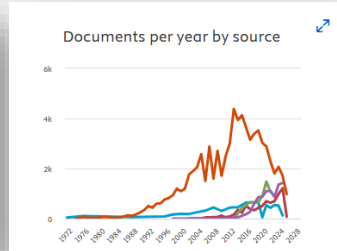
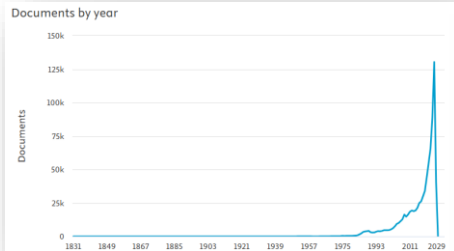
How Scopus Supports Literature Retrieval

The screenshot displays the Scopus search results interface. On the left, there are three filter sections: 'Subject area' with checkboxes for Computer Science (477,297), Engineering (238,351), Mathematics (174,666), Medicine (114,628), and Social Sciences (68,532); 'Document type' with checkboxes for Conference paper (374,032), Article (321,855), Review (39,770), Book chapter (32,936), and Editorial (14,761); and 'Source title' with a checkbox for Lecture Notes in Computer Science Including Subseries. The main results area shows three items:

- Item 3: Conference Paper titled "Batch normalization: Accelerating deep network training by reducing internal covariate shift" by Ioffe, S., Szegedy, C., published in 32nd International Conference on Machine Learning, ICML 2015, 1, pp. 448-456, with 25,805 citations.
- Item 4: Article titled "A Computational Approach to Edge Detection" by Conny, J., published in IEEE Transactions on Pattern Analysis and Machine Intelligence, PAMI-8(6), pp. 679-698, with 25,253 citations.
- Item 5: Article titled "Human-level control through deep reinforcement learning" by Mnih, V., Kavukcuoglu, K., Silver, D., ... Legg, S., Hassabis, D., published in Nature, 518(7540), pp. 529-533, with 23,066 citations.

Each result includes options to 'Show abstract', 'View at Publisher', and 'Related documents'. A 'Scopus AI' banner is visible above the second result, and a 'Feedback' button is at the bottom right of the results area.

- Discover published research across disciplines
- Identify key authors/experts, journals, and institutions
- Track development of a topic over time
- Analyze citation impact to prioritize sources
- Evaluate topic trends and impact through citing document analysis



Structuring and Prioritizing Literature

<input type="checkbox"/>	Tambe, M.	211
<input type="checkbox"/>	Wiwanitkit, V.	202
<input type="checkbox"/>	Prade, H.	201
<input type="checkbox"/>	Niyato, D.	200
<input type="checkbox"/>	Novais, P.	195
Show all		
<hr/>		
Subject area ^		
<input type="checkbox"/>	Computer Science	477,264
<input type="checkbox"/>	Engineering	238,008
<input type="checkbox"/>	Mathematics	174,654
<input type="checkbox"/>	Medicine	114,625
<input type="checkbox"/>	Social Sciences	68,531
Show all		
<hr/>		
Document type ^		
<input type="checkbox"/>	Conference paper	374,013
<input type="checkbox"/>	Article	321,743
<input type="checkbox"/>	Review	39,770
<input type="checkbox"/>	Book chapter	32,936

Source title ^		
<input type="checkbox"/>	Lecture Notes In Computer Science Including Subseries	
	Lecture Notes In Artificial Intelligence And Lecture Notes In Bioinformatics	74,835
<input type="checkbox"/>	ACM International Conference Proceeding Series	8,978
<input type="checkbox"/>	Ijcai International Joint Conference On Artificial Intelligence	7,867
<input type="checkbox"/>	Ceur Workshop Proceedings	7,730

Keyword ^		
<input type="checkbox"/>	Artificial Intelligence	489,316
<input type="checkbox"/>	Human	108,984
<input type="checkbox"/>	Machine Learning	87,828
<input type="checkbox"/>	Article	85,203
<input type="checkbox"/>	Humans	73,030
Show all		

Affiliation ^		
<input type="checkbox"/>	Chinese Academy of Sciences	8,268
<input type="checkbox"/>	CNRS Centre National de la Recherche Scientifique	5,924
<input type="checkbox"/>	Ministry of Education of the People's Republic of China	5,829
<input type="checkbox"/>	Tsinghua University	5,204
<input type="checkbox"/>	Carnegie Mellon University	4,677
Show all		
<hr/>		
Country/territory ^		
<input type="checkbox"/>	United States	167,576
<input type="checkbox"/>	China	142,813
<input type="checkbox"/>	India	75,789
<input type="checkbox"/>	United Kingdom	54,231
<input type="checkbox"/>	Germany	44,879
Show all		

Funding sponsor ^		
<input type="checkbox"/>	National Natural Science Foundation of China	40,602
<input type="checkbox"/>	Ministry of Science and Technology of the People's Republic of China	26,698
<input type="checkbox"/>	European Commission	18,157
<input type="checkbox"/>	National Science Foundation	17,656
<input type="checkbox"/>	National Institutes of Health	12,545
Show all		
<hr/>		
Open access ^		
<input type="checkbox"/>	All open access	229,962
<input type="checkbox"/>	Gold	119,814
<input type="checkbox"/>	Green	112,033
<input type="checkbox"/>	Bronze	38,171

Filter by subject area, publication year, source type etc.

Use citation counts and journal metrics

Display options

Display only Open Access journals

Counts for 4-year timeframe

No minimum selected

Minimum citations

Minimum documents

Citescore highest quartile

Show only titles in top 10 percent

1st quartile

2nd quartile

3rd quartile

4th quartile

Create Powerful Search Queries

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Basic search

Start exploring

Documents Authors Researcher Discovery Organizations Scopus AI New Search tips ?

1 Search within Article title, Abstract, Keywords 2 Search documents * "artificial intelligence" or AI

AND 3

1 Search within Article title, Abstract, Keywords 2 Search documents nursing

+ Add search field 4 Add date range Advanced document search > Reset Search

1

All fields

Article title, Abstract, Keywords

Authors

First author

Source title

Article title

Abstract

Keywords

Affiliation

Affiliation name

Affiliation city

Affiliation country

Funding information

Funding sponsor

Funding acronym

1. To create a search query in Scopus, start by selecting the appropriate search field such as title, abstract, or keywords etc.
2. Enter your search terms
3. Combine them (if needed) using Boolean operators like AND, OR, or NOT for more control
4. You can also refine your results by adding a date range to limit the publication years.

Boolean operators

Search within: Article title, Abstract, Keywords

Search documents: "cancer diagnostics"

OR

Search within: Article title, Abstract, Keywords

Search documents: "machine learning"

+ Add search field

Reset Search

Documents Preprints Patents Secondary documents Research data

830,507 documents found

OR – usually increases number of results

Search within: Article title, Abstract, Keywords

Search documents: "cancer diagnostics"

AND

Search within: Article title, Abstract, Keywords

Search documents: "machine learning"

+ Add search field

Reset Search

Documents Preprints Patents Secondary documents Research data

496 documents found

AND – usually decreases the number of results

Search within: Article title, Abstract, Keywords

Search documents: "cancer diagnostics"

AND NOT

Search within: Article title, Abstract, Keywords

Search documents: "machine learning"

+ Add search field

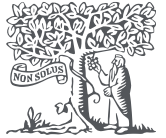
Reset Search

Documents Preprints Patents Secondary documents Research data

6,267 documents found

AND NOT – usually decreases the number of results by excluding those that match the query following AND NOT

Approximate and Exact Phrases, Wildcards



Operator	Example
Double quotation marks " "	Loose phrase: TITLE-ABS-KEY("heart attack") searches for documents where heart attack appear together in the title, abstract, or keywords. Heart attack : 837 results and "heart attack" : 22 results
Braces { }	To find documents that contain an exact phrase, enclose the phrase in braces: {oyster toadfish}. Result includes any stop words , spaces, and punctuation which you included in the braces.
Asterisk *	Replaces zero or more characters. Useful when you're not sure about the exact spelling of a word or want to include several variations of a term in one query. Example: psycholog* → finds psychology, psychological, psychologist, etc.
W/n	It indicates the distance between words, but not the order - e.g. journal W/2 publishing , where 'journal' can be found two words away from the word 'publishing'
Pre/n	Terms should appear in specific word order – e.g. behavioral PRE/3 disturbances , where 'behavioral' precedes 'disturbances' by three words.

What Scopus search does automatically

- **Accented characters:** Dvořák or dvorak
- **Lemmatization:** attack, attacks; wide, wider
- **Equivalents:** ω and omega; behaviour and behavior
- **Punctuation:** is ignored – commas, hyphens, ? ! etc.
- **Stop words:** Words like “the”, “it”, and “of” are excluded from search
(You can find the list [here](#))

More details: [Searching for a document](#)

Advanced Search

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Advanced Search Interface

The screenshot displays the Scopus Advanced Search interface. At the top, there are tabs for 'Basic Search' and 'Advanced', with 'Advanced' selected. A 'Search tips' link is visible. The main search area contains an 'Enter query string' field with the text: `(TITLE-ABS-KEY("cancer diagnostics") AND NOT TITLE-ABS-KEY("machine learning")) and SUBJAREA(NURS)`. Below the search bar are buttons for 'Outline query', 'Add Author name / Affiliation', 'Clear form', and a blue 'Search Q' button. On the right side, there is a 'Field codes' menu with a list of options: Textual Content, Affiliations, Authors, Biological Entities, Chemical Entities, Conferences, Document, Editors, Funding, Keywords, Publication, References, Subject Areas, Health Sciences, All Health Sciences, Medicin (nurs), and Nursing. A 'Feedback' button is partially visible at the bottom right of the interface.

Code: SUBJAREA(VETE)

Name: Subject Area search for Veterinary

Description: A search field which returns documents related to Veterinary.

Example: Entering SUBJAREA(VETE) will return documents that are classified under the subject area "Veterinary".
The following subjects are classified under it:
-Veterinary (all)
-Veterinary (miscellaneous)
-Equine
-Food Animals
-Small Animals

Scopus Advanced Search allows users to build **precise and structured searches** using field codes and Boolean logic. It is especially useful when basic keyword searching returns **too many or irrelevant results**.

Purpose

The purpose of Advanced Search is to help users **control exactly where and how Scopus searches for information** within article records. Instead of searching the entire database broadly, users can target specific fields such as **title, abstract, author, affiliation, or references**.

For example:

TITLE-ABS-KEY("artificial intelligence" AND healthcare)

This search retrieves articles where the terms appear in the **title, abstract, or keywords**, which usually improves relevance.

Value for Researchers and Students

1. More precise results
2. Greater control over search strategy
3. Reproducible searches
4. Efficient literature discovery

ASJC – All Science Journal Classification

Code	Description	code	Description	Supergroup
1000	Multidisciplinary	1000	Multidisciplinary	
1100	General Agricultural and Biological Sciences	11**	Agricultural and Biological Sciences	Life Sciences
1101	Agricultural and Biological Sciences (miscellaneous)	12**	Arts and Humanities	Social Sciences
1102	Agronomy and Crop Science	13**	Biochemistry, Genetics and Molecular Biology	Life Sciences
1103	Animal Science and Zoology	14**	Business, Management and Accounting	Social Sciences
1104	Aquatic Science	15**	Chemical Engineering	Physical Sciences
1105	Ecology, Evolution, Behavior and Systematics	16**	Chemistry	Physical Sciences
1106	Food Science	17**	Computer Science	Physical Sciences
1107	Forestry	18**	Decision Sciences	Social Sciences
1108	Horticulture	19**	Earth and Planetary Sciences	Physical Sciences
1109	Insect Science	20**	Economics, Econometrics and Finance	Social Sciences
1110	Plant Science	21**	Energy	Physical Sciences
1111	Soil Science	22**	Engineering	Physical Sciences
		23**	Environmental Science	Physical Sciences
		24**	Immunology and Microbiology	Life Sciences

Advanced Search – type
SUBJMAIN (code of
subcategory)

Example: SUBJMAIN
(2906) – where 2906 is
code for “Critical Care
Nursing” subcategory

4 supergroups, 27 subject areas, 334 subcategories

Source: ASJC - [Scopus Content Coverage page](#) – Download the Source Title list

Working with Search Results

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Results

1

Refine search

Search within results

Filters

Year

Range Individual

from - to

Author name

Subject area

Document type

- Article 28
- Review 7
- Editorial 1
- Erratum 1
- Letter 1

38 documents found

[All](#) [Export](#) [Download](#) [Citation overview](#) [More](#) [Show all abstracts](#) [Sort by Cited by \(highest\)](#) [Grid](#) [List](#) [Analyze results](#)

	Document title	Authors	Source	Year	Citations
<input type="checkbox"/> 3	Article • Open access Predicting pressure injury in critical care patients: A machinelearning model	Alderden, J. , Pepper, G.A. , Wilson, A. , ... Jo, Y. , Cummins, M.R.	American Journal of Critical Care , 27(6), pp. 461–468	2018	163
	Show abstract SFX View at Publisher Related documents				
<input type="checkbox"/> 2	Article • Open access Artificial intelligence: Essentials for nursing	McGrow, K.	Nursing , 49(9), pp. 46–49	2019	75
	Show abstract SFX View at Publisher Related documents				
<input type="checkbox"/> 3	Article • Open access Predictive modeling of pressure injury risk in patients admitted to an intensive care unit	Ladíos-Martin, M. , Fernández-De-maya, J. , Ballesta-López, F.-J. , ... Mas-Asencio, M. , Cabañero-Martínez, M.J.	American Journal of Critical Care , 29(4), pp. e70–e80	2020	30
	Show abstract SFX View at Publisher Related documents				
Scopus AI New Find references for your research with summaries of recent work. Try Scopus AI					
<input type="checkbox"/> 4	Review • Open access Deep learning in the medical domain: Predicting cardiac arrest using deep learning	Lee, Y. , Kwon, J.-M. , Lee, Y. , ... Cho, H. , Park, J.	Acute and Critical Care , 33(3), pp. 117–120	2018	28

1. Refine and sort your results to focus on what matters most—e.g., filter by document type like reviews for comprehensive overviews

2. Sort by citations to highlight the most impactful research.

3. Open the record to view the abstract directly

Detailed Page

Predicting pressure injury in critical care patients: A machinelearning model

American Journal of Critical Care • Article • Open Access • 2018 • DOI:10.4077/ajcc.2018.025

Alderson, Jenny ^{1,4} ; Boposs, Ginette Alyssa ²; Wilson, Andrea ³; Whitner, Joanne D. ¹; Richardson, Stephanie ¹; 3 authors

¹School of Nursing, Boise State University, Boise, ID, United States

[Show all information](#)

Full text Export Save to list

210 98th percentile
Citations [↕](#)

7.57
FWCI [↕](#)

Document Impact Cited by (210) References (23) Similar documents

Abstract

Background Hospital-acquired pressure injuries are a serious problem among critical care patients. Some can be prevented by using measures such as specialty beds, which are not feasible for every patient because of costs. However, decisions about which patient would benefit most from a specialty bed are difficult because results of existing tools to determine risk for pressure injury indicate that most critical care patients are at high risk. Objective To develop a model for predicting development of pressure injuries among surgical critical care patients. Methods Data from electronic health records were divided into training (80%) and testing (20%) data sets, and a model was developed by using a random forest algorithm via the R package "randomforest." Results Among a sample of 636 patients, hospital-acquired pressure injuries of stage 1 or greater (outcome variable 1) developed in 516 patients (81%) and injuries of stage 2 or greater (outcome variable 2) developed in 297 (4.9%). Random forest models were developed to predict stage 1 and greater and stage 2 and greater injuries by using the testing set to evaluate classifier performance. The area under the receiver operating characteristic curve for both models was 0.93. Conclusion This machine-learning approach differs from other available models because it does not require clinicians to input information into a tool (eg, the Braden Scale). Rather, it uses information readily available in electronic health records. Next steps include testing in an independent sample and then calibration to optimize specificity. © 2018 American Association of Critical-Care Nurses.

Abstract

Indexed keywords

Funding details

Corresponding author

Indexed keywords

MeSH

Adult; Aged; Beds; Critical Care; Electronic Health Records; Female; Humans; Intensive Care; Machine Learning; Male; Middle Aged; Predictive Value of Tests; Pressure Ulcer; Risk Assessment; Risk Factors; ROC Curve; Severity of Illness Index

EMTREE medical terms

adult; aged; bed; classification; decubitus; electronic health record; female; human; intensive care; intensive care; machine learning; male; middle aged; predictive value; procedures; receiver operating characteristic; risk assessment; risk factor; severity of illness index

Abstract

Funding details

Details about financial support for research, including funding sources and grant numbers as provided in academic publications.

Funding sponsor	Funding number	Acronym
National Institutes of Health		NIH
See opportunities by NIH ↗		

Abstract

Document Impact Cited by (210) References (23) Similar documents

Scopus metrics

Scopus track five key areas—usage, captures, mentions, social media, and citations—offering a broader view of research impact beyond traditional citations.

Citations 210 (98th percentile) | Field-Weighted citation impact 7.57

[View Citation overview >](#)

SciVal Topics

Topics are unique areas of research, created using all Scopus publications from 1996 onwards. [Learn more.](#)

Topic name **Pressure Ulcer Prevention and Management Strategies**

Prominence percentile 93.35

PlumX metrics

PlumX Metrics on Scopus track five key areas—usage, captures, mentions, social media, and citations—offering a broader view of research impact beyond traditional citations. They provide real-time insights into how research is engaged with and shared across platforms.

Captures	Readers	Mentions	Citations	Social
	163	3	1	154

Document Impact Cited by (210) References (23) Similar documents

You can view, sort, and filter all of the References in [search results format](#).

All Export

Article

Risk factors for pressure ulcer development in a best practice surgical intensive care unit 97 Citations

[Frankel H.L., Spear L.L., Kaplan L., American Surgeon, 2007](#)

[Show abstract >](#) [Full text >](#)

Article

Factors associated with pressure ulcers in patients in a surgical intensive care unit 82 Citations

[Shawlski G.C., Funk M., Journal of Wound Ostomy and Continence Nursing Official Publication of the Wound Ostomy and Continence Nurses Society, 2010](#)

DOI: 10.1097/WON.0b013e3181f90a34 [↗](#)

[Show abstract >](#) [Full text >](#)

Article

Pressure ulcer prevention in high-risk postoperative cardiovascular patients 15 Citations

[Jackson M., McEneaney T., Drummler L., LaMaster T., VanGilder C.A., Critical Care Nurse, 2011](#)

DOI: 10.4037/ccn2011810 [↗](#)

[Show abstract >](#) [Full text >](#)

Full text Export Save to list

Document Impact Cited by (210) References (23) Similar documents

The Cited by tab is limited to showing 10 documents. You can view all citations in [search results format](#).

[↕](#) Set citation alert

Article

Jentification and validation of key genes as diagnostic biomarkers for epilepsy using bioinformatics and machine learning 0 Citations

[Su L., Huang Y., Yang H., Peng D., Zhou G., Computational Biology and Chemistry, 2026](#)

[Show abstract >](#) [Full text >](#)

Article

Major depressive disorder and Hashimoto's thyroiditis: Shared immunometabolic signatures revealed by integrative transcriptomics 0 Citations

[Zhang L., Chen K., Yao L., Hashimoto K., Zhou X., Journal of Affective Disorders, 2026](#)

[Show abstract >](#) [Full text >](#)

Document Impact Cited by (210) References (23) Similar documents

Similar documents show relevant, related documents based on your keyword searches and search history.

Article

Early prediction of pressure injury risk in hospitalized patients using supervised machine learning models based on nursing records 0 Citations

[Barrino-Gallardo E., Bino-Villagras E., Tapia G.M., Garrido C.A., Vazquez N.E., Scientific Reports, 2026](#)

DOI: 10.1038/s41598-026-35709-w [↗](#)

[Show abstract >](#) [Full text >](#)

Is this document relevant? Yes No [↗](#)

Article

Predicting pressure injury using nursing assessment phenotypes and machine learning methods 59 Citations

[Jain W., Kuro M., Zhang L., Bates D.W., Pakes P.C., Journal of the American Medical Informatics Association, 2021](#)

DOI: 10.1093/jamia/ocaa336 [↗](#)

[Show abstract >](#) [Full text >](#)

Is this document relevant? Yes No [↗](#)

Analyze Results

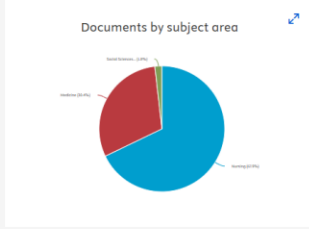
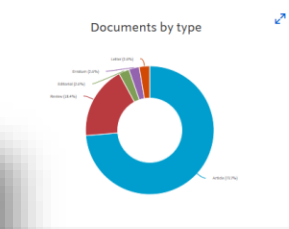
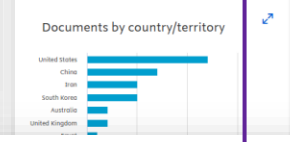
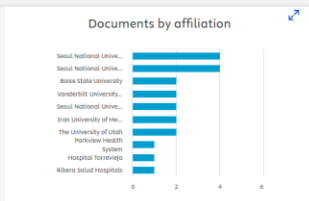
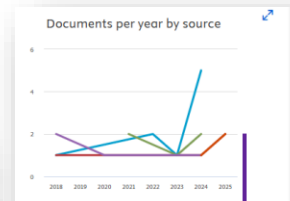
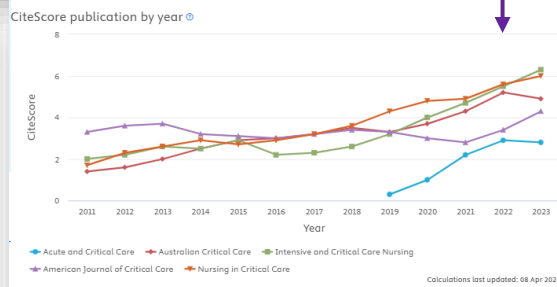
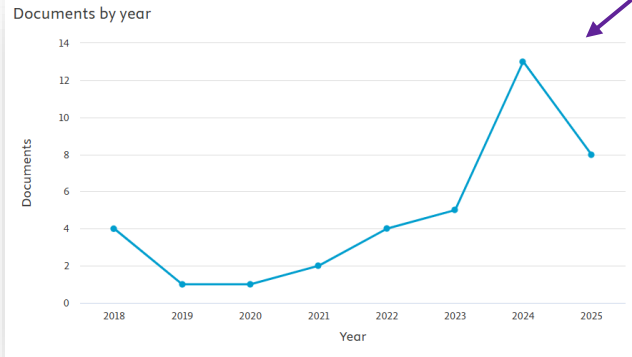
Documents Preprints Patents Secondary documents Research data

38 documents found

All
 Export
 Download
 Citation overview
 MoreShow all abstracts
 Sort by Cited by (high)

Document title Authors Source Year Citations

[Analyze results](#)



SJR by year SNIP by year Citations by year

Documents by year Percent not cited by year Percentage review articles by year

Analyze publication trends, key contributors, and top journals using built-in Scopus analytics

Trace Citations and Explore Reference Networks

The screenshot displays a research database interface with the following elements:

- Top Bar:** Includes "Save search", "Set search alert", "Edit in advanced search", and "Show less".
- Navigation:** Tabs for "Documents", "Preprints", "Patents", "Secondary documents", and "Research data". A "Beta" badge is present above the "Documents" tab.
- Search Results:** "38 documents found". A "Refine search" box is on the left. A "Filters" section includes a "Year" filter with a histogram and a range selector.
- Document List:** A table of search results with columns for Document title, Authors, Source, Year, and Citations. Three documents are visible:
 - 1. **Predicting pressure injury in critical care patients using a machinelearning model** (2018, 163 citations)
 - 2. **Artificial intelligence: Essentials for nursing** (2019, 75 citations)
 - 3. **Predictive modeling of pressure injury risk in patients admitted to an intensive care unit** (2020, 30 citations)
- Actions:** A "Citation overview" button is highlighted with a red box. A dropdown menu is open over the first document, showing options: "Save to list", "View cited by", "View references", and "Email results".
- Additional Elements:** "Show all abstracts", "Sort by Cited by (highest)", and a "Feedback" button are also visible.

Track how key papers are cited over time, examine their reference lists, and explore citing documents to understand topic development and influence

Export, Save & Set Alerts

The screenshot shows a search results interface with the following elements:

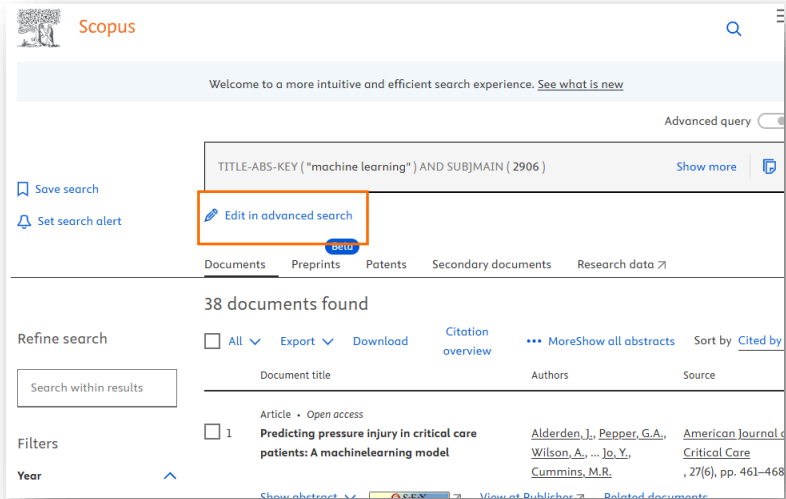
- Top Bar:** "Save search" and "Set search alert" buttons (highlighted with an orange box), "Edit in advanced search" link, "Show less" button, and a clipboard icon.
- Navigation:** "Documents", "Preprints", "Patents", "Secondary documents", "Research data" tabs. A "Beta" badge is present.
- Search Results:** "38 documents found" with an "Analyze results" link.
- Refine search:** A search box labeled "Search within results".
- Filters:** "Filters" section with "Year" filter (Range/Individual radio buttons and a histogram) and "Author name" filter.
- Export Menu:** A dropdown menu (highlighted with an orange box) containing: "File types" (CSV, RIS, BibTeX, Plain text), "Reference managers" (Mendeley, Refworks (RIS), Zotero (RIS), EndNote (RIS)), and "Platforms" (SciVal).
- Document List:** A table with columns: "All", "Export", "Download", "Citation overview", "More", "Show all abstracts", "Sort by Cited by (highest)", "Grid/List", and "Menu". The table contains three document entries with details on authors, sources, years, and citations.
- Feedback:** A "Feedback" button at the bottom right.

	Export	Download	Citation overview	More	Show all abstracts	Sort by Cited by (highest)	Grid/List	Menu
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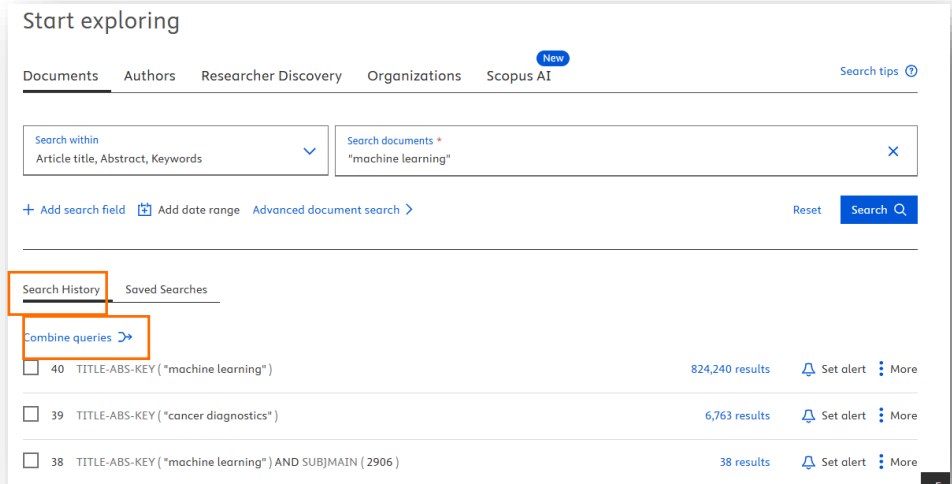


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Edit, Search History and Combine Your Queries



The screenshot shows the Scopus search interface. At the top, the Scopus logo and a search bar are visible. Below the search bar, a welcome message reads: "Welcome to a more intuitive and efficient search experience. [See what is new](#)". The search query is displayed as "TITLE-ABS-KEY ("machine learning") AND SUBJMAIN (2906)". A blue "New" badge is present above the "Edit in advanced search" button, which is highlighted with an orange box. Other buttons include "Save search", "Set search alert", and "Show more". The search results section shows "38 documents found" and includes a table with columns for "Document title", "Authors", and "Source". The first result is "Predicting pressure injury in critical care patients: A machinelearning model" by Alderden, J., Pepper, G.A., Wilson, A., Jo, Y., and Cummins, M.R., published in "Critical Care", 27(6), pp. 461-468.



The screenshot shows the "Start exploring" section of the Scopus interface. It features navigation tabs for "Documents", "Authors", "Researcher Discovery", "Organizations", and "Scopus AI". A search bar contains the query "TITLE-ABS-KEY ("machine learning")". Below the search bar, there are options to "Add search field", "Add date range", and "Advanced document search". A "Search History" tab is highlighted with an orange box, and a "Combine queries" button with a right-pointing arrow is also highlighted with an orange box. The search history list shows three queries: 40 "TITLE-ABS-KEY ("machine learning")" with 824,240 results, 39 "TITLE-ABS-KEY ("cancer diagnostics")" with 6,763 results, and 38 "TITLE-ABS-KEY ("machine learning") AND SUBJMAIN (2906)" with 38 results. Each entry includes a "Set alert" button and a "More" menu icon.

Edit your search, revisit past queries, and combine them for deeper exploration

Summary & Key Takeaways

Documents Preprints Patents Secondary documents Research data 71

38 documents found [Analyze results](#)

Refine search

Filters

Year Range Individual

Author name

Document title Authors Source Year Citations

1 **Predicting pressure injury in critical care patients: A machinelearning model** [Alderden, J.](#), [Pepper, G.A.](#), [Wilson, A.](#), [et al.](#), [Cummins, M.R.](#) [American Journal of Critical Care](#) 2018 163

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Background Hospital-acquired pressure injuries are a serious problem among critical care patients. Some can be prevented by using measures such as specialty beds, which are not feasible for every patient because of costs. However, decisions about which patient would benefit most from a specialty bed are difficult because results of existing tools to determine risk for pressure injury indicate that most critical care patients are at high risk. Objective To develop a model for predicting development of pressure injuries among surgical critical care patients. Methods Data from electronic health records were divided into training (67%) and testing (33%) data sets, and a model was developed by using a random forest algorithm via the R package "randomforest." Results Among a sample of 6376 patients, hospital-acquired pressure injuries of stage 1 or greater (outcome variable 1) developed in 516 patients (8.1%) and injuries of stage 2 or greater (outcome variable 2) developed in 257 (4.0%). Random forest models were developed to predict stage 1 and greater and stage 2 and greater injuries by using the testing set to evaluate classifier performance. The area under the receiver operating

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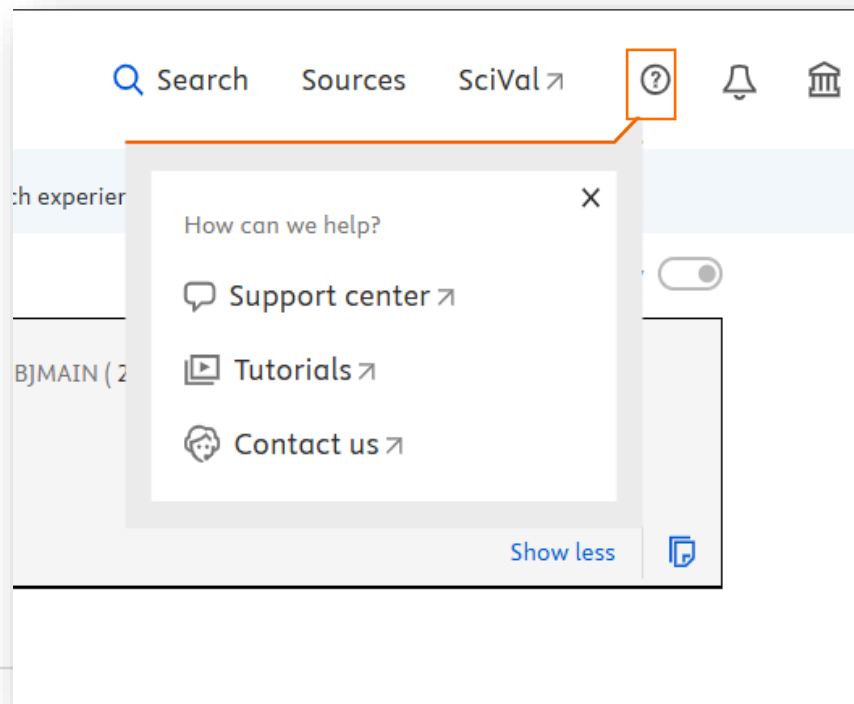
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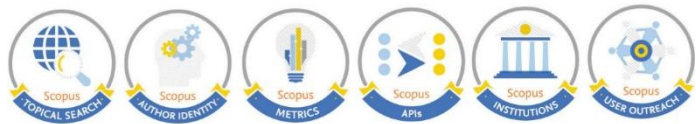
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Presenters:
Christopher Beller, Program Analyst, Eunice Kennedy Shriver NICHD Development
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