

OPPIE – new search and discovery tool



What's in OPPIE?

Journal articles, conference papers, books, reports, patents, etc. from seven databases:

BIOSIS (1926-)	ISI Proceedings (science & technology; 1990-)
Energy Citations Database (from DOE; 1940s-)	SciSearch (1900-)
Engineering Index (1884-)	Social SciSearch (1970-)
Inspec (physics, elec eng, computers; 1898-)	

How to Search

Basic search: A Google-like single search of all fields, in all databases. (AND is assumed between terms).

Fielded search: Search in specific fields: e.g. Author/Institution, Title, Source (journal etc.)
Limit by LANL authors, new records, years, document type, database, or language

Search tips:

For phrases (two words next to each other), use quotes.

Boolean operators:

AND	finds all the terms – narrows the search	green AND chemistry
OR	finds either term(s) – broadens the search	college OR university
NOT	exclude term(s) – narrows the search	college NOT university

Use parentheses with Booleans to group words or concepts

Wildcards: use ? to replace a single character; * to replace multiple characters

Stemming: OPPIE automatically finds plurals and other word endings

Examples:

"x ray" OR xray	finds x ray and x-ray and xray
(diet vegetarian NOT raw)	finds vegetarian, diet(s), but not with the word 'raw'
pcr OR (polymerase chain reaction)	finds acronym or full form. equivalent to pcr OR (polymerase AND chain AND reaction)

Authors: Use quote marks to find the surname and first name/initials together. Search multiple versions of the author's name. Spaces are kept, punctuation is ignored. To distinguish several people with the same name, add their institution. "Author/Institution" index in Fielded Search is more precise than Basic search; it does not use automatic stemming. Examples:

"bethe h" OR "bethe ha" OR "bethe hans"	finds the various ways Hans Bethe has been entered
ourourke OR "o rourke"	finds O'Rourke or ORourke or O Rourke
"phillips s" AND Berkeley	finds the S Phillips who works at UC Berkeley
"cal tech" OR caltech OR "california institute of technology" OR "calif inst tech"	finds the various forms of Cal Tech

What else can I do in OPPIE?

- Print, email or download records: Mark records of interest, and use Output Tools
- Get full-text
- Save searches and create alerts
- Find out how many times an article has been cited with "Cited by" counts, Cite Matcher, or by using citation services on a Marked List.



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