

Citation searching in SciSearch[®]

You can use citation searching in SciSearch in two ways:

- Search for any documents that have cited one or more references. Use SELECT CIT for several references, or TRANSFER CIT for many references from multiple databases.
- Search for “related” documents, i.e., documents that have cited one or more references from the same set of cited references. Related record searching allows you to find documents related to another document or a set of documents by virtue of having cited one or more of the same references.

Cited reference searching with SELECT CIT

Find documents citing the 1984 *Cell* article co-authored by H. L. Niman on the structure of an antigenic determinant in a protein.

1 Find the article of interest.

```
=> FILE BIOSIS
=> S NIMAN H L/AU AND CELL/SO AND 1984/PY
L1          1 NIMAN H L/AU AND CELL/SO AND 1984/PY

=> D TI AU SO
L1 ANSWER 1 OF 1 BIOSIS COPYRIGHT (c) 2008
    The Thomson Corporation on STN
TI THE STRUCTURE OF AN ANTIGENIC DETERMINANT IN A
    PROTEIN.
AU WILSON I A [Reprint author]; NIMAN H L; HOUGHTEN
    R A; CHERENSON A R; CONNOLLY M L; LERNER R A
SO Cell, (1984) Vol. 37, No. 3, pp. 767-778.
    CODEN: CELLB5. ISSN: 0092-8674.
```

2 Use SEL CIT to create an E-number search term from the article's bibliographic information.

```
=> SEL L1 CIT 1
E1 THROUGH E1 ASSIGNED

=> FILE SCISEARCH
=> S E1
L2          718 "WILSON I A, 1984, V37, P767,?" /RE
            ("WILSON I A, 1984, V37, P767,"? /RE)
```

4 Search the E-number to find articles citing the original document.

```
=> D TI HIT 1
L2 ANSWER 1 OF 718 SCISEARCH COPYRIGHT (c) 2008
    The Thomson Corporation on STN
TI High-throughput fluorescence spectroscopic
    analysis of affinity of peptides displayed on
    bacteriophage
Referenced Author|Year | VOL | PG | Referenced Work
                  |(RAU) | (RPY) | (RVL) | (RPG) | (RWK)
=====+=====+=====+=====+=====
WILSON I A      |1984 |37  |767 |CELL      <-
```

5 Use the HIT display format to display the hit cited references.

Cited reference searching with TRANSFER CIT

Find any documents in SciSearch that have cited any of the references from BIOSIS[®], MEDLINE[®], or CAPLUSSM on the sequencing of Ebola virus.

1 Search BIOSIS, MEDLINE, and CAPLUS for references on the topic.

2 Remove duplicates.

3 Enter SciSearch.

4 Use TRANSFER CIT to create search terms from the bibliographic information of the articles in L5 and search them as cited references in SciSearch.

```

=> FILE BIOSIS MEDLINE CAPLUS

=> S EBOLA(S)VIRUS(S) (SEQUENCE OR GENOME)
L1          31 FILE BIOSIS
L2          32 FILE MEDLINE
L3          74 FILE CAPLUS

TOTAL FOR ALL FILES
L4          137 EBOLA(S) VIRUS(S) (SEQUENCE OR GENOME)

=> DUP REM L4
L5          75 DUP REM L4 (62 DUPLICATES REMOVED)
           ANSWERS '1-31' FROM FILE BIOSIS
           ANSWERS '32-33' FROM FILE MEDLINE
           ANSWERS '34-75' FROM FILE CAPLUS

=> FILE SCISEARCH

=> TRANSFER
ENTER L# (L5) OR ? :L5
ENTER ANSWER NUMBERS, RANGES (1-), OR ? :.
ENTER DISPLAY FIELDS (FILEDEFAULT) OR ? :CIT
L6          TRANSFER L5 1- CIT :          75 TERMS
L7          490 L6

```

5 Sort the answers by the frequency of occurrence (OCC) of hit terms (highest to lowest).

Documents with the highest hit reference counts are brought to the top of the answer set.

6 Sort the answers in alphabetical order of the hit referenced (HITRE) authors.

References citing the same authors are grouped together.

```
=> SORT OCC L7 1-
L8          490 SORT L7 1- OCC

=> D TI OCC 1-3

L8 ANSWER 1 OF 490 SCISEARCH COPYRIGHT (c) 2008
   The Thomson Corporation on STN
TI Marburg and Ebola virus infections in laboratory
   non-human primates: A literature review
FIELD          COUNT
   HITRE              16

L8 ANSWER 2 OF 490 SCISEARCH COPYRIGHT (c) 2008
   The Thomson Corporation on STN
TI Classification, structure, and replication of
   filoviruses
FIELD          COUNT
   HITRE              13

L8 ANSWER 3 OF 490 SCISEARCH COPYRIGHT (c) 2008
   The Thomson Corporation on STN
TI Ebola virus: the search for vaccines and
   treatments
FIELD          COUNT
   HITRE              11

=> SORT L7 HITRE 1-
PROCESSING COMPLETED FOR L7
L9          490 SORT L7 1- HITRE

=> D TI HIT 1-2

L9 ANSWER 1 OF 490 SCISEARCH COPYRIGHT (c) 2008
   The Thomson Corporation on STN
TI Lymphocyte apoptosis in acute respiratory
   syncytial virus bronchiolitis
Referenced Author|Year | VOL | PG |Referenced Work
   (RAU)          |(RPY)| (RVL)| (RPG)| (RWK)
=====+=====+=====+=====+=====
BARR J           |1991|72  |677 |J GEN VIROL  <-

L9 ANSWER 2 OF 490 SCISEARCH COPYRIGHT (c) 2008
   The Thomson Corporation on STN
TI Animal pneumoviruses: Molecular genetics and
   pathogenesis
Referenced Author|Year | VOL | PG |Referenced Work
   (RAU)          |(RPY)| (RVL)| (RPG)| (RWK)
=====+=====+=====+=====+=====
BARR J           |1991|72  |677 |J GEN VIROL  <-
```

Related record searching in SciSearch

Find related literature citing one or more of the references from the article on dioxygen bond cleavage in a model copper complex by William B. Tolman and colleagues that appeared in *Science*, Vol. 271.

1 Find the article of interest in SciSearch.

```
=> FILE SCISEARCH
=> S TOLMAN?/AU AND SCIENCE/SO AND 271/SO
L1          1 TOLMAN?/AU AND SCIENCE/SO AND 271/SO
=> D
L1 ANSWER 1 OF 1 SCISEARCH COPYRIGHT (c) 2008
    The Thomson Corporation on STN
AN 96:184212 SCISEARCH Full-text
GA The Genuine Article (R) Number: TY961
TI REVERSIBLE CLEAVAGE AND FORMATION OF THE DIOXYGEN
    O-O BAND WITHIN A DICOPPER COMPLEX
AU HALFEN J A; MAHAPATRA S; WILKINSON E C; KADERLI S;
    YOUNG V G; QUE L; ZUBERBUHLER A D; TOLMAN W B
    (Reprint)
CS UNIV MINNESOTA, DEPT CHEM, 207 PLEASANT ST SE,
    MINNEAPOLIS, MN, 55455 (Reprint); UNIV MINNESOTA,
    DEPT CHEM, MINNEAPOLIS, MN, 55455; UNIV BASEL,
    INST ORGAN CHEM, CH-4056 BASEL, SWITZERLAND
CYA USA; SWITZERLAND
SO SCIENCE, (08 MAR 1996) Vol. 271, No. 5254, pp.
    1397-1400. ISSN: 0036-8075.
DT Article; Journal
FS PHYS; LIFE; AGRI
LA ENGLISH
REC Reference Count: 37
    *ABSTRACT IS AVAILABLE IN THE ALL AND IALL
    FORMATS*
=> TRANSFER
ENTER L# (L1) OR ?:L1
ENTER ANSWER NUMBERS, RANGES (1-), OR ?:1-
ENTER DISPLAY FIELDS (TI) OR ?:RE
L2          TRANSFER L1 1- RE :          37 TERMS
L3          4585 L2
```

2 Use TRANSFER to create search terms from the 37 cited references in the RE field of the *Science* article in L1 and search them as cited references.

L3 contains documents that have cited one or more of the cited references in the *Science* article in L1.

3 Sort the answers in the order of occurrence (OCC) of hit terms (highest to lowest). Sort by reference count (REC) within each occurrence grouping.

The original article is listed first with 100% of hit cited references.

Record 2 has 16 hit cited references in common with the **Science** article.

=> SORT L3 1- OCC REC

L4 4585 SORT L3 1- OCC REC

=> D TI AU REC 1

L4 ANSWER 1 OF 4585 SCISEARCH COPYRIGHT (c) 2008
The Thomson Corporation on STN
TI REVERSIBLE CLEAVAGE AND FORMATION OF THE DIOXYGEN
O-O BAND WITHIN A DICOPPER COMPLEX
AU HALFEN J A; MAHAPATRA S; WILKINSON E C; KADERLI
S; YOUNG V G; QUE L; ZUBERBUHLER A D; TOLMAN W B
(Reprint)
REC Reference Count: 37

=> D TI REC HIT 2

L4 ANSWER 2 OF 4585 SCISEARCH COPYRIGHT (c) 2008
The Thomson Corporation on STN
TI Structural, spectroscopic, and theoretical
characterization of bis(mu-oxo)dicopper
complexes, novel intermediates in copper-mediated
dioxygen activation
REC Reference Count: 143

Referenced Author (RAU)	Year (RPY)	VOL (RVL)	PG (RPG)	Referenced Work (RWK)	
DONG Y	1995	117	2778	J AM CHEM SOC	<-
FEIG A L	1994	94	759	CHEM REV	<-
HODGSON D J	1975	19	173	PROG INORG CHEM	<-
HOUSER R P	1995	117	10745	J AM CHEM SOC	<-
KARLIN K D	1991	113	5868	J AM CHEM SOC	<-
KARLIN K D	1993	115	9506	J AM CHEM SOC	<-
KITAJIMA N	1992	114	1277	J AM CHEM SOC	<-
LEE S C	1993	32	4745	INORG CHEM	<-
MAGNUS K A	1994	19	302	PROTEINS	<-
MAHAPATRA S	1994	116	9785	J AM CHEM SOC	<-
MAHAPATRA S	1995	117	8865	J AM CHEM SOC	<-
SAUER K	1992		141	MANGANESE REDOX ENZY	<-
SOLOMON E I	1992	92	521	CHEM REV	<-
SOLOMON E I	1994	94	827	CHEM REV	<-
WIEGHARDT K	1989	28	1153	ANGEW CHEM INT EDIT	<-
ZANG Y	1995	117	1169	J AM CHEM SOC	<-

For more information

Refer to the SciSearch Database Summary Sheet at www.cas.org.



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