STN® Quick Reference Card

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.

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

3 Enter SciSearch.

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

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

```
=> 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.

=> 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)

=> 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          <-
```

Cited reference searching with TRANSFER CIT

Find any documents in SciSearch that have cited any of the references from BIOSIS®, MEDLINE®, or CAplus℠ 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.

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.

```
=> 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

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

=> D TI OCC 1

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
```

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*
```

*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.*

```
=> 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
```

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|Year | VOL | PG  |Referenced Work
       (RAU)     |(RPY)|(RVL)|(RPG)|     (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.

A division of the American Chemical Society

CAS Customer Center
Phone: 800-753-4227 (North America)
614-447-3700 (worldwide)
Fax: 614-447-3751
E-mail: help@cas.org
Internet: www.cas.org

July 2008
CAS2508-0708