DIALOG

SCISEARCH® - A CITED REFERENCE SCIENCE DATABASE
ONTAP® SCISEARCH® (FILE 294)

FILE DESCRIPTION

SciSearch®: A Cited Reference Science Database is an international, multidisciplinary index to the literature of science, technology, biomedicine, and related disciplines produced by the Institute for Scientific Information® (ISI®). SciSearch contains all of the records published in the *Science Citation Index®* (SCI®), plus additional records from the *Current Contents®* publications.

SciSearch is distinguished by some important and unique characteristics. First, journals indexed are selected on the basis of several criteria, including citation analysis, resulting in coverage of the most significant publications in the scientific, technical, and biomedical literature. Second, in addition to the more conventional retrieval methods, SciSearch offers citation indexing, which permits searching by cited references. For records added since January 1991, author abstracts, author keywords, and KeyWords Plus™ may be searched.

SciSearch indexes all significant items (articles, review papers, meeting abstracts, letters, editorials, book reviews, correction notices, etc.) from approximately 4,500 major scientific and technical journals. Some 3,800 of these journals are further indexed by the references cited within each article, allowing for citation searching. An additional 700 journals indexed have been drawn from ISI Current Contents® series of publications.

SUBJECT COVERAGE

SciSearch covers virtually every subject area within the broad fields of science, technology, and biomedicine, including but not limited to:

- Agriculture and Food Technology
- Astronomy and Astrophysics
- Behavioral Sciences
- Biochemistry
- Biology
- Biomedical Sciences
- Chemistry
- Computer Applications and Cybernetics
- Earth Sciences
- Electronics
- Engineering
- Environmental Science
- Genetics
- Instrumentation
- Materials Science
- Mathematics
- Medicine
- Meteorology
- Microbiology
- Nuclear Science
- Pharmacology
- Physics
- Psychiatry and Psychology
- Veterinary Medicine
- Zoology

TIPS

USE FILE 34
to track scientific journal articles and cited references

EXPAND CR=
to find later references to important papers, then
SELECT CR=AMBROSE JA, 1997?

EXPAND CW=
to find citations to a cited work, then
SELECT CW=SCI TOTAL ENVIRON

USE RANK CS OR CW
to see which institutions or journals are frequently cited on your topic
SELECT HIV/DE; RANK CS 1-500; RANK CW 1-500

DIALOG FILE DATA

Inclusive Dates: 1990 to the present (File 34)
                   1974 - 1989 (File 434)
                   Records from early 1991 (File 294)

Update Frequency: Weekly (File 34)
                   Closed (File 434)

File Size:
    Over 6.7 million records as of June 1998 (File 34)
    Over 9.4 million records as of June 1998 (File 434)
    30,000 records (File 294)

CONTACT

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SAMPLE RECORD

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DIALOG(R)File  34:SciSearch(R) Cited Ref Sci
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Tag	Content
GA=,NR=	06767552 Genuine Article#: ZQ403 Number of References: 31
/TI	Title: Mercury levels along the food chain and risk for exposed populations
AU=	Author(s): Renzoni A (REPRINT) ; Zino F; Franchi E
CS=	Corporate Source: UNIV SIENA,DIPARTIMENTO BIOL AMBIENTALE, VIA CERCHIA 3/I-53100 SIENA//ITALY/ (REPRINT)
JN=,PY=,SO=	Journal: ENVIRONMENTAL RESEARCH, 1998, V77, N2 (MAY), P68-72
SN=,PD=	ISSN: 0013-9351 Publication date: 19980500
PU=	Publisher: ACADEMIC PRESS INC JNL-COMP SUBSCRIPTIONS, 525 B ST, STE 1900, SAN DIEGO, CA 92101-4495
LA=,DT=	Language: English Document Type: ARTICLE
GL=	Geographic Location: ITALY
SF=	Subfile: CC LIFE--Current Contents, Life Sciences; CC AGRI-- Current Contents, Agriculture, Biology & Environmental Sciences
SC=	Journal Subject Category: PUBLIC, ENVIRONMENTAL & OCCUPATIONAL HEALTH; ENVIRONMENTAL SCIENCES

/AB Abstract: Mercury was not regarded as a pollutant of primary importance until many deaths due to mercury poisoning occurred in the 1950s. More recently, adverse health effects have been documented at relatively low exposure levels, and monitoring data must now be interpreted in this light. The Mediterranean basin has been studied in great detail over the past 20 years because of the anomalous natural presence of mercury. Marine animals of this basin have higher mercury body burdens than the same (or similar) species in the Atlantic. The mercury found in marine organisms is mainly in the form of methyl mercury. Long-term and frequent intake of seafood with high mercury levels by populations living in coastal fishing villages is associated with a toxic risk, especially in pregnant women.
                    (. . .)
This information deserves renewed scrutiny with regard to preventive efforts needed. (C) 1998 Academic Press.

/DE Descriptors--Author Keywords: mercury ; fish ; hair ; blood ; fishermen

/ID Identifiers--KeyWord Plus(R): SCALP HAIR; FISH CONSUMPTION; FISHERMEN; ISLANDS; HUMANS

Cited References:

CR=,CA=,CY=,CW=
```
*WHO, 1990, V101, ENV HLTH CRIT
AIREY D, 1983, V31, P157, SCI TOTAL ENVIRON
BALDI F, 1978, P251, 4 JOURN ET POLL ANT
BERLIN M, 1990, V2, P387, HDB TOXICOLOGY METAL
BERNHARD M, 1988, 98 UNEP
BETTI C, 1993, V22, P172, ENVIRON MOL MUTAGEN
DEFLORA S, 1994, V317, P57, MUTAT RES
DITRI FM, 1991, V19, P165, ENVIRON MONIT ASSESS
FERGUSSON JE, 1990, HEAVY ELEMENTS CHEM
FOO SC, 1988, V72, P113, SCI TOTAL ENVIRON
FRANCHI E, 1995, V93, P83, MAP TECHNICAL REPORT
              (. . .)
MONSALVE MV, 1987, V10, P367, ENVIRON MOL MUTAGEN
RENZONI A, 1992, V16, P597, ENVIRON MANAGE
RENZONI A, 1986, V40, P17, ENVIRON POLLUT A
RENZONI A, 1989, V20, P93, MAR POLLUT BULL
RENZONI A, 1989, P207, 2 MED SEAB S CALV MA
RENZONI A, 1978, P255, 4 JOURN ET POLL ANT
SKERFVING S, 1970, V21, P133, ARCH ENVIRON HEALTH
WAGIDA A, 1991, V6, P189, MUTAGENESIS
WULF HC, 1986, V47, P81, SCI TOTAL ENVIRON
```

SCISEARCH® - A CITED REFERENCE SCIENCE DATABASE   **Files 34,434**

SEARCH OPTIONS

BASIC INDEX

SEARCH SUFFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	—	All Basic Index Fields	Word	S FOOD(W)CHAIN
/AB	AB	Abstract[1]	Word	S MEDITERRANEAN(W)BASIN/AB
/DE	DE	Author Keywords[1]	Word & Phrase	S MERCURY/DE
				S FISHERMEN/DE
/ID	ID	KeyWords Plus[1]	Word & Phrase	S FISH(W)CONSUMPTION/ID
				S SCALP HAIR/ID
/RF	RF	Research Fronts[2,3]	Word & Phrase	S DIETARY(W)FIBER(S)STARCH/RF
				S DIETARY FIBER/RF
/TI	TI	Title	Word	S FOOD(W)CHAIN/TI
/XF	—	All Basic Index Fields Except Research Fronts	Word & Phrase	S MERCURY(W)LEVELS/XF
				S FISH CONSUMPTION/XF

[1] Available from 1991 forward.

[2] Research Front names are also rotated word by word. EXPANDing is recommended.

[3] Research Fronts were available for records added from 1983-1997.

ADDITIONAL INDEXES

SEARCH PREFIX	DISPLAY CODE	FIELD NAME	INDEXING	SELECT EXAMPLES
—	AN	DIALOG Accession Number		
AU=	AU	Author	Phrase	S AU=RENZONI A
AV=	AV	Abstract Present	Word & Phrase	S AV=ABSTRACT
				S AV=ABSTRACT AVAILABLE
CA=	CA	Cited Author or Cited Inventor [4,5]	Phrase	S CA=DEFLORA S
				S CA=KOBAYASHI T
CP=	CP	Cited Patent [4]	Phrase	S CP=JA 102915, 1978, KOBAYASHI T
CR=	CR	Cited Reference [4,6]	Phrase	S CR=DEFLORA S, 1994?
CS=	CS	Corporate Source	Word	S CS=(UNIV?(W)SIENA(S)AMBIENTALE)
CW=	CW	Cited Work [4,5]	Phrase	S CW=SCI TOTAL ENVIRON
CY=	CY	Cited Year [5]	Phrase	S CY=1994
DT=	DT	Document Type [7]	Phrase	S DT=ARTICLE
GA=	GA	Genuine Article Number	Phrase	S GA=ZQ403
GL=	GL	Country Name from Corporate Source	Phrase	S GL=ITALY
JN=	JN	Journal Name [8]	Phrase	S JN=ENVIRONMENTAL RESEARCH
LA=	LA	Language [9]	Phrase	S LA=ENGLISH
NR=	NR	Number of References	Numeric	S NR=2:50
PD=	PD	Publication Date [10]	Phrase	S PD=19980500
				S PD=980500
PU=	PU	Publisher	Phrase	S PU=ACADEMIC PRESS?
PY=	PY	Publication Year	Phrase	S PY=1997:1998
RF=	RF	Research Front Code Number and Weight [3,11]	Phrase	S RF=88-0752
				S RF=88-0752 002
SC=	SC	Journal Subject Category	Word & Phrase	S SC=(PUBLIC(W)ENVIRON?(2W)HEALTH)
				S SC=ENVIRONMENTAL SCIENCES
SF=	SF	Subfile [12]	Word & Phrase	S SF=ENVIRONMENTAL
				S SF=CC LIFE
SN=	SN	International Standard Serial Number (ISSN) [13]	Phrase	S SN=0013-9351
SO=	SO	Source Information [14]	Word	S SO=(ENVIRONMENTAL(W)RESEARCH)
UD=	—	Update [15]	Phrase	S UD=199806W1:9999
ZP=	ZP	Zip Code of Corporate Source	Phrase	S ZP=55108

[4] EXPANDing is recommended to verify forms of entry.

[5] Extracted from the Cited Reference field. Display includes entire Cited Reference.

[6] Refer to the Cited Author, Cited Work, and Cited Year fields for searching on individual parts of the Cited Reference field.

[7] To restrict results to journal articles, refer to the Limiting section.

[8] Also searchable using SO=.

[9] To restrict results to the English language, refer to the Limiting section.

[10] Available from 1997 forward.

[11] Second example includes the "weight" (002) assigned to the RF Code (indicates number of citations in common with the original Research Front cluster).

[12] Refers to ISI publications or databases.

[13] Available from 1992 forward.

[14] Also searchable using JN=. Display includes: Journal Name, Publication Date, Volume, Issue, and Pagination.

[15] Not available in File 294.

SCISEARCH® - A CITED REFERENCE SCIENCE DATABASE

SPECIAL FEATURES

For command descriptions, enter HELP LIMIT, HELP SORT, HELP RANK, HELP MAP, HELP DUP, HELP CURRENT online.

LIMIT	**/ART** (Journal Article) **/CR** (Contains Cited References) **/ENG** (English Language) **/NART** (Non-Article) **/NOCR** (No Cited References) **/NONENG** (Non-English Language) **/NREV** (Not a Review or Bibliography) **/REV** (Review or Bibliography **/YYYY** (Publication Year)	S MERCURY/ART S RISK/CR S FOOD(W)CHAIN/ENG S S3/NART S S5/NOCR S S6/NONENG S S6/NREV S MERCURY/REV S S2/1995:1998
SORT	**AU, CS, JN, PY, RF, TI**	SORT S13/ALL/CS/AU PRINT S5/5/ALL/JN,PY,D
RANK	All phrase- and numeric-indexed fields in the Additional Indexes can be ranked. Other RANK codes include: DE, ID	RANK DE RANK AU S4
MAP	AU, CA, CW, GA, PY	MAP AU TEMP /CA=
RD, ID	Remove duplicates (RD) or identify duplicates (ID,IDO).	RD S5
CURRENT	Search only the most recent year plus one (CURRENT1) to five (CURRENT5) years.	B 34 CURRENT2

PREDEFINED FORMAT OPTIONS

NO.	DIALOGWEB FORMAT	RECORD CONTENT
1	--	DIALOG Accession Number
2	--	Full Record except Cited References and Abstract
3	Medium	Bibliographic Citation
4	--	Full Record with Tagged Fields[1]
5	--	Full Record[1]
6	Short	Title, Genuine Article Number and Number of References
7	Long	Bibliographic Citation and Abstract
8	Free	Title, Genuine Article Number, Journal Subject Catagory, Number of References, and Research Fronts
9	Full	Full Record[1]
25	--	Full Record plus Keywords and Abstract minus Cited References
K	--	KWIC (Key Word In Context) displays a window of text; may be used alone or with other formats

OTHER OUTPUT OPTIONS

For an explanation, enter HELP TYPE, HELP UDF, HELP TAG online.

USER DEFINED FORMATS	Display codes listed in the Search Options tables can be used to customize output.	TYPE S3/AU,TI,SO,NR/1-5
TAG	Output can be displayed with tags identifying each display field.	TYPE S2/3,CR/1-5 TAG
DIRECT RECORD ACCESS	If the accession number of a specific record is known, it can be used to display the record directly.	TYPE 00270906/2 DISPLAY 00270906/AU,CR PRINT 00270906/5

FOR ONLINE HELP:

See HELP FIELDS 34 for searchable fields; HELP FORMAT 34 for output formats; HELP LIMIT 34 for limits; HELP RATES 34 for cost information; HELP SORT 34 for sorts.