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STN Database Summary Sheet

ANTE (Abstracts in New Technologies and Engineering) monitors approximately 350 academic and trade publications from the U.K. and U.S. Coverage includes new technologies such as information technology and computing, electronics, biotechnology, and medical technology, as well as engineering (including construction, electrical, and chemical engineering) and allied subject areas. Abstracts are available from 1993 to the present.

Subject Coverage

- Aerospace
- Chemical technology & engineering
- Communications engineering
- Computers & control
- Construction
- Design
- Electrical & electronic engineering
- Energy
- Ergonomics
- Food, farming, fishing, & forestry
- Health & safety
- Management services
- Mechanical & production engineering
- Medical technology
- Metallurgy
- Military technology
- Mineral extraction & processing
- Photography & cinematography
- Pollution, waste, & water engineering
- Printing, paper, & packaging
- Quality assurance, training, & standards
- Radio & television
- Road, rail, & sea transport
- Science & measurement
- Sound & video recording
- Textiles, leather, & wood

Sources

- Journals

File Data

- 1981 to the present
- More than 340,360 records (07/04)
- Updated monthly
- Automatic current-awareness searches (SDIs) are run monthly

User Aids

- STNGUIDE
- Online Helps (HELP DIRECTORY lists all help messages available)

Database Producer

Cambridge Scientific Abstracts
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Fax: 614-447-3751
E-mail: help@cas.org

ANTE**Search and Display Field Codes**

The field that allows left truncation (/BI) is indicated by an asterisk (*).

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index * (contains single words from the abstract (AB), controlled term (CT), and title (TI) fields)	None or /BI	S INDUSTRIAL MEASUREMENT S MANAGEMENT(L)TEAM S ?SPECTRA?	AB, CT, TI
Abstract	/AB	S MULTISENSOR/AB	AB
Accession Number	/AN	S 2004000021/AN	AN
Author	/AU	S MAN, ?/AU S MAN C K/AU	AU
Controlled Term	/CT	S ANAEROBIC DIGESTION/CT	CT
Controlled Word	/CW	S MANGANESE/CW	CT
Corporate Source (1) (including author's affiliation)	/CS	S MANCHESTER AIRPORT/CS	CS
Data Entry Date (2)	/DED	S DED=JAN 1998	DED
Document Number	/DN	S 100014/DN	DN
Document Type (code and text)	/DT (/TC)	S CONFERENCE ARTICLE/DT S CA/DT	DT
E-mail Address	/EML	S MANEY@MANEY.CO.UK/EML	EML, SO
Entry Date (2)	/ED	S ED=20040609	UP
Field Availability	/FA	S AB/FA	Not displayed
File Segment (3)	/FS	S SELECTIVE/FS	FS
International Standard (Document) Number	/ISN	S 0905-6608/ISN	ISN, SO
Journal Title (contains full and abbreviated titles)	/JT	S AERONAUTICAL JOURNAL/JT	SO, JT
Language (ISO code and text)	/LA	S L1 NOT ENGLISH/LA	LA
Note (1)	/NTE	S PAPER PRESENTED/NTE	NTE
Number of Report	/NR	S AD-A188642/NR	NR
Other Source	/OS	S "ALUMINIUM INDUSTRY (AI)"/OS	OS
Publication Date (2)	/PD	S JAN 2001-MAY 2001/PD	PD, SO
Publication Year (2)	/PY	S PY>=1999	PY, SO
Publisher (1)	/PB	S SAGEPUB/PB	PB
Reference Count (2)	/REC (or /RE.CNT)	S REC=5	REC, SO
Source (contains journal titles, other higher level titles, publisher and place of publication, meeting information, collation information (volume, issue, pages), ISSN, ISBN, publication year, URL, and e-mail addresses)	/SO	S FOUNDRYMAN/SO AND 1999/SO S ELSEVIER/SO S (MATERIALS AND 230)/SO	SO
Summary Language (ISO code and text)	/SL	S L1 NOT EN/SL	SL
Title	/TI	S GAS NITRIDING/TI	TI
Update Date (2)	/UP	S UP=JUN 2004	UP
Uniform Resource Locator (1)	/URL	S HTTP://WWW.WILEY.COM/URL	URL, SO
Word Count, Title (2)	/WC.T	S WC.T<10 AND 11	WC.T

(1) Search with implied (S) proximity is available in this field.

(2) Numeric search field that may be searched using numeric operators or ranges.

(3) This field contains the coverage grade of the source publication.

DISPLAY and PRINT Formats

Any combination of display fields and formats may be used to display or print answers. Multiple codes must be separated by commas or spaces, e.g., D L1 1-5 TI AU. The fields are displayed or printed in the order requested.

Hit-term highlighting is available for all fields except PY. Highlighting must be ON during SEARCH in order to use the HIT, KWIC, and OCC formats.

Format	Content	Examples
AB AN AU CS CT DED (1) DN DT (TC) EML (1) FS ISN (1) JT (1) JTA (1) JTF (1) LA NR NTE OS PB (1) PD (1) PY (1) REC (RE.CNT) SL SO TI UP (ED) (1) WC.T	Abstract Accession Number Author Corporate Source Controlled Term Data Entry Date Document Number Document Type E-mail Address File Segment International Standard (Document) Number Journal Title Journal Title, Abbreviated Journal Title, Full Language Number of Report Note Other Source Publisher Publication Date Publication Year Reference Count Summary Language Source Title Update Date Word Count, Title	D TI AB 1-10 D AN D AU 1-2 D CS D CT D DED D DN D DT D EML D FS D ISN D 1-10 JT L7 D JTA L7 D JTF L7 D L8 LA 1-3 D NR D NTE D OS D PB D PD D PY D REC D SL 2 D SO D TI 1-3 D UP D WC.T
ABS ALL BIB (default) DALL IALL IBIB IND SCAN TRIAL (TRI, SAMPLE, FREE)	AN, AB AN, DN, TI, AU, CS, SO, NR, DT, LA, SL, NTE, OS, AB, CT AN, DN, TI, AU, CS, SO, NR, DT, LA, SL, NTE, OS ALL, with delimiter for post-processing ALL, indented with text labels BIB, indented with text labels AN, CT TI, CT, (random display without answer numbers) AN, TI, CT	D ABS D ALL L4 1-10 D BIB D L3 DALL 5 D IALL D IBIB 7 D IND 1-3 D SCAN D TRI 4-8 L10
HIT KWIC OCC	Hit terms and fields Up to 50 words before and after hit terms (Key-Word in Context) Number of occurrences of hit terms and fields in which they occur	D HIT D KWIC D OCC

(1) Custom display only.

(2) SCAN must be specified on the command line, i.e., D SCAN or DISPLAY SCAN.

ANTE**SELECT, ANALYZE, and SORT Fields**

The SELECT command is used to create E-numbers containing terms taken from the specified field in an answer set.

The ANALYZE command is used to create an L-number containing terms taken from the specified field in an answer set.

The SORT command is used to rearrange the search results in either alphabetic or numeric order of the specified field(s).

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Abstract	AB	Y	-
Accession Number	AN	Y	-
Author	AU	Y	A
Citation	CIT	Y	-
Controlled Term	CT	Y	-
Corporate Source	CS	Y	A
Data Entry Date	DED	Y	N
Document Number	DN	Y	-
Document Type	DT (TC)	Y	A
E-mail Address	EML	Y	A
International Standard (Document) Number	ISN	Y (2)	Y
Journal Title	JT	Y	A
Journal Title, Abbreviated	JTA	Y (3)	A
Journal Title, Full	JTF	Y (3)	A
Language	LA	Y	A
Note	NTE	Y	A
Number of Report	NR	Y	A
Occurrence Count of Hit Terms	OCC	N	-
Other Source	OS	Y	A
Publication Date	PD	Y	N
Publication Year	PY	Y	N
Publisher	PB	Y	A
Reference Count	REC (RE.CNT)	Y	N
Source	SO	Y (4)	A
Summary Language	SL	Y	A
Title	TI	Y (default)	A
Uniform Resource Locator	URL	Y	-
Update Date	UP (ED)	Y	N
Word Count, Title	WC.T	Y	N

(1) HIT may be used to restrict terms extracted to terms that match the search expression used to create the answer set, e.g., SEL HIT CC.

(2) Selects or analyzes the ISSN and ISBN with /ISN appended to the terms created by SELECT.

(3) Appends /JT to the terms created by SELECT.

(4) Selects or analyzes the ISSN and ISBN with /SO appended to the terms created by SELECT.

Sample Records

DISPLAY IALL

ACCESSION NUMBER: 2004321621 ANTE
DOCUMENT NUMBER: 121229
TITLES: Water/waste
SOURCE: Food Processing. Vol. 70, no. 11, pp. 30. Nov. 2001, il.
ISSN: 0015-6531
DOCUMENT TYPE: Journal
LANGUAGE: English
ABSTRACT: Feature includes the importance of hygiene of the on-site water supply at a food factory; and economies that can be made in water handling, particularly ensuring the efficiency of pumps.
CONTROLLED TERMS: Food; Processing; Water

DISPLAY IBIB

ACCESSION NUMBER: 2004337633 ANTE
DOCUMENT NUMBER: 270432
TITLES: Evaluation of additives to improve the flow and levelling properties of OEM topcoats.
AUTHOR: Heilen, W; Schulz, K
CORPORATE SOURCE: Tego Chemie Service
SOURCE: Surface Coatings International A. Vol. 87, no. A02, pp. 74-78. Mar. 2004, Numerical Data, 6 ref.
Published by: My Word, 138 Railway Terr, Rugby, Warks, CV21 3MN, UK, [mailto:subs@occa.org.uk]
ISSN: 1476-4857
DOCUMENT TYPE: Journal
LANGUAGE: English
OTHER SOURCE: Metadex (MD)

