

- Subject Coverage**
- Agriculture
 - Astronomy and astrophysics
 - Biology
 - Chemistry and related fields
 - Engineering and technology
 - Environment
 - Food industry
 - Forestry
 - Medicine
 - Pharmacology
 - Physical sciences
 - Psychology

File Type Bibliographic

Features

Alerts (SDIs)	Weekly				
CAS Registry Numbers®	<input type="checkbox"/>	Page Images	<input type="checkbox"/>	STN AnaVist	<input type="checkbox"/>
Keep & Share	<input checked="" type="checkbox"/>	SLART	<input checked="" type="checkbox"/>	STN Easy	<input checked="" type="checkbox"/>
Learning Database	<input type="checkbox"/>	Structures	<input type="checkbox"/>	STN Viewer	<input type="checkbox"/>

- Record Content**
- Bibliographic information, abstracts, and indexing.
 - Each citation includes the article's original title, an English translated title and, in most cases, a French title.
 - Over 75% of documents have an abstract, mostly in English or French.
 - Controlled terms from a vocabulary of over 80,000 terms are provided in English, French, and in some cases, Spanish; German descriptors are also provided in the area of metallurgy.

File Size More than 17.5 million records (01/2012)

Coverage 1977-present

Updates Weekly with about 10,000 citations

Language English, French, German, Spanish

Database Producer

Centre National de la Recherche Scientifique (CNRS)
 Institut de L'Information Scientifique et Technique (INIST)
 2, allée du Parc de Brabois
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 France
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 E-mail: infoclient@inist.fr
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Germany
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Fax: +49 7247 808-259
E-mail: helpdesk@fiz-karlsruhe.de

- Sources**
- Journals (93%)
 - Reports
 - Conference proceedings
 - Books
 - Theses (mainly French)
-

- User Aids**
- Thesaurus for the Social Sciences *
 - Online Helps (HELP DIRECTORY lists all help messages available)
 - STNGUIDE
- * available at producer
-

- Clusters**
- | | |
|----------------|----------------|
| • AEROTECH | • FOOD |
| • AGRICULTURE | • FUELS |
| • ALLBIB | • GEOSCIENCE |
| • AUTHORS | • HEALTH |
| • BIOSCIENCE | • MATERIALS |
| • CHEMENG | • MEDICINE |
| • CHEMISTRY | • MEETINGS |
| • COMPUTER | • METALS |
| • CONSTRUCTION | • PETROLEUM |
| • CORPSOURCE | • PHARMACOLOGY |
| • ELECTRICAL | • PHYSICS |
| • ENGINEERING | • POLYMERS |
| • ENVIRONMENT | • SAFETY |
| • FORMULATIONS | • TOXICOLOGY |
-

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Pricing See the [STN Price List](#) or enter HELP COST at an arrow prompt.

Search and Display Field Codes

Fields that allow left truncation are indicated by an asterisk (*).

General Search Fields

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index * (contains single words from all titles (TI, TIEN, TIES, TIDE, TIFR), abstract (AB), abstract in French (ABFR), all controlled terms (CT, CTDE, CTES, CTFR), and all broader terms (BT,BTDE, BTES, BTFR) fields)	None or /BI	S GENETIC DIVERSITY S MAN MACHINE SYSTEM S NIOBIUM (S) ORGANIC S ?CEPHALOSPOR?	TI, TIEN, TIES, TIDE, TIFR, AB, ABFR, CT, CTDE, CTES, CTFR, BT, BTDE, BTES, BTFR
Abstract (1) Abstract in French (1) Accession Number Application Number, Original Author (includes patent inventor)	/AB /ABFR /AN /APO /AU	S FISH/AB S MUSCULAIRES/ABFR S 2000-0403563/AN S PCT-US85-01299/APO S MANAHAN D T/AU S BUCHER, D/AU	AB ABFR AN SO AU
Availability (of document) (2) Bibliographic Level Broader Term	/AV /BL /BT (or /BTEN)	S CNRS-1007/AV S L1 AND MONOGRAPHIC/BL S MANAGEMENT SCIENCE/BT	AV BL BT
Broader Term (in French) Broader Term (in German) Broader Term (in Spanish) Classification Code (2)	/BTFR /BTDE /BTES /CC (or /CCEN)	S OPTIQUE ATMOSPHERIQUE/BTFR S NETZPLANTECHNIK/BTDE S PACIFICO NORDESTE/BTES S 001A01A03A/CC	BTFR BTDE BTES CC
Classification Code in French (2) Classification Code in Spanish (2) Controlled Term (contains Physics and Astronomical Code)	/CCFR /CCES /CT (or /CTEN)	S ABSORPTION/CC S ANALYSE NUMERIQUE/CCFR S OBESIDAD/CCES S BODE DIAGRAM/CT	CCFR CCES CT
Controlled Term (in French) (contains Physics and Astronomical Code)	/CTFR	S SCIENCE DU SOL/CTFR	CTFR
Controlled Term (in German) (3) Controlled Term (in Spanish) (contains Physics and Astronomical Code)	/CTDE /CTES	S BEGLEITELEMENT/CTDE S ABANDONO ESTUDIO/CTES	CTDE CTES
Corporate Source (includes affiliation of author and patent assignee) (2)	/CS	S DEPARTMENT NEUROLOGY/CS	CS
Country of Publication (ISO code and text) Dissertation Information	/CY /DI	S AU/CY S AUSTRALIA/CY S MARSEILLE/DI AND 1999/PY	CY SO, DI
Document Type (ISO code and text, and French text)	/DT (or /TC)	S B/DT AND L5 S BOOK/DT AND L5 S LIVRE/DT AND L5	DT
Field Availability International Patent Classification	/FA /IC (or /IPC)	S TIES/FA S A61K035/IC	not displayed IC
International Standard (Document) Number	/ISN	S 1000-9426/ISN S AAEJAF/ISN S 1-85312-006-5/ISN	ISN, SO
Journal Title (contains full and abbreviated title)	/JT	S JOURNAL DE GENETIQUE HUMAINE/JT S J ACOUST EMISS/JT	JT, JTA, JTF, SO

PASCAL**General Search Fields (cont'd)**

Search Field Name	Search Code	Search Examples	Display Codes
Language (ISO code and text)	/LA	S GERMAN/LA S DE/LA	LA
Meeting Year (3)	/MY	S 1998-1999/MY	MY, SO
Meeting Date (3)	/MD	S MD=4 NOV 1999	MD, SO
Meeting Location	/ML	S LYON/ML	ML, SO
Meeting Title	/MT	S AACHENER DERMATOLOGENABEND/MT	MT, SO
Note (contains translation data and map information)	/NTE	S VERSION ANGLAISE/NTE S GEOLOGICAL MAP/NTE	NTE
Number of Report	/NR	S NBS-IR85-3281/NR	NR
Patent Number, Original	/PNO	S EP 0 080 384/PNO	SO
Physics and Astronomy Code	/PAC	S 0130M/PAC	PAC, CT, CTES, CTFR
Priority Number, Original	/PRNO	S GB 8206262/PRNO	SO
Publication Date (4)	/PD	S 19891018/PD	PD, SO
Publication Year (4)	/PY	S 1999-2000/PY	PY, SO
Publisher (2)	/PB	S SPRINGER BERLIN/PB	PB, SO
Reference Count (4)	/REC (or /RE.CNT)	S REC>25	REC, SO
Source (contains journal title, patent-, application-, and priority information, meeting information, pagination, number of report, publisher, dissertation information, ISSN, ISBN, and CODEN)	/SO	S JOURNAL OF PERFORMANCE/SO S JPCFEV/SO and 1999/SO S (PATENT AND FR)/SO S CNRS/SO	SO
Summary Language (ISO code and text)	/SL	S FRENCH/SL AND L5 S FR/SL	SL
Title (contains original titles and titles in English, French, German and Spanish)	/TI	S VISIBLE SPECTRUM/TI S RISULTATI/TI AND EN/SL	TI, TIDE, TIEN, TIES, TIFR
Title (in English)	/TIEN	S SEMICONDUCTOR LASER?/TIEN	TIEN
Title (in French)	/TIFR	S METHODE DE DETERMINATION/TIFR	TIFR
Title (in German)	/TIDE	S TECHNISCHE LOESUNGEN/TIDE	TIDE
Title (in Spanish)	/TIES	S INSTRUMENTO ECONOMICO/TIES	TIES
Update Date	/UP (or /ED)	S UP=JAN 2001	UP
Word Count, Title (4)	/WC.T	S WC.T<10	WC.T

(1) Proximity operators may not be used in this field.

(2) Search with implied (s) proximity is available in this field.

(3) Only available in the area of metallurgy.

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

DISPLAY and PRINT Formats

Any combination of formats may be used to display or print answers. Multiple codes must be separated by spaces or commas, 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. Highlighting must be ON during SEARCH to use the HIT, KWIC, and OCC formats.

DISPLAY and PRINT Formats (cont'd)

Format	Content	Examples
AB	Abstract	D TI AB
ABFR	Abstract in French	D ABFR
AN	Accession Number	D 1-5 AN
AU	Author (includes patent inventor)	D AU TI
AV	Availability	D AV
BL	Bibliographic Level	D BL
BT (BTEN)	Broader Term	D BT
BTDE	Broader Term in German	D BTDE
BTES	Broader Term in Spanish	D BTES
BTFR	Broader Term in French	D BTFR
CC (CCEN)	Classification Code	D CC
CCES	Classification Code (in Spanish)	D CCES
CCFR	Classification Code (in French)	D CCFR
CP	Copyright Notice	D CP
CS	Corporate Source (includes affiliation of author and patent assignee)	D CS
CT (CTEN)	Controlled Term	D CT CC
CTDE	Controlled Term in German	D CTDE
CTES	Controlled Term in Spanish	D CTES
CTFR	Controlled Term in French	D CTFR
CY	Country of Publication	D CY
DI (1)	Dissertation Information	D DI
DT (TC)	Document Type	D DT
IC (IPC)	International Patent Classification	D IC
ISN (1)	International Standard (Document) Number	D ISN
JT (1)	Journal Title (contains full and abbreviated title)	D JT
JTA (1)	Journal Title, Abbreviated	D JTA
JTF (1)	Journal Title, Full	D JTF
LA	Language	D LA
MD (1)	Meeting Date	D MD
ML (1)	Meeting Location	D ML
MT (1)	Meeting Title	D MT
MY (1)	Meeting Year	D MY
NR	Number of Report	D NR
NTE	Note (contains translation data and map information)	D NTE
PAC	Physics and Astronomy Code	D PAC
PB	Publisher	D PB
PD	Publication Date	D PD
PY	Publication Year	D PY
REC (REC.CNT) (1)	Reference Count	D REC
SL	Summary Language	D SL
SO	Source	D SO
TI	Titles	D TI
TIDE	Title (in German)	D TIDE
TIEN	Title (in English)	D TIEN
TIES	Title (in Spanish)	D TIES
TIFR	Title (in French)	D TIFR
UP (ED)	Update Date	D UP
WC.T	Word Count, Title	D WC.T
ABS	AN, CP, AB, ABFR	D ABS
ALL (ALLEN)	BIB, ABS, IC, CC, PAC, CT, BT	D ALL
ALLDE (2)	BIB, ABS, IC, CC, PAC, CTDE, BTDE	D ALLDE
ALLES	BIB, ABS, IC, CCES, PAC, CTES, BTES	D ALLES
ALLFR	BIB, ABS, IC, CCFR, PAC, CTFR, BTFR	D ALLFR
DALL	ALL, delimited for post processing	DALL
IALL	ALL, indented with text labels	IALL

DISPLAY and PRINT Formats (cont'd)

Format	Content	Examples
BIB	AN, CP, TI (all titles), AU, CS, SO, NR, DT, BL, CY, LA, SL, NTE, AV (default)	D BIB
IBIB	BIB, indented with text labels	D IBIB
IND	AN, CP, IC, CC, CCFR, CCES, PAC, CT, CTFR, CTDE, CTES, BT, BTFR, BTDE, BTES	D IND
INDDE (2)	AN, CP, IC, CC, PAC, CTDE, BTDE	D INDDE
INDEN	AN, CP, IC, CC, PAC, CT, BT	D INDEN
INDES	AN, CP, IC, CCES, PAC, CTES, BTES	D INDES
INDFR	AN, CP, IC, CCFR, PAC, CTFR, BTFR	D INFR
MAX	BIB, ABS, IC, CC, CCFR, CCES, PAC, CT, CTFR, CTDE, CTES, BT, BTFR, BTDE, BTES	D MAX
TRIAL (SAM, FREE)	TI (all titles), IC, CC, CCFR, CCES, PAC, CT, CTFR, CTDE, CTES, BT, BTFR, BTDE, BTES	D TRI
TRIALDE (2)	TI (all titles), IC, CC, PAC, CTDE, BTDE	D TRIALDE
TRIALEN	TI (all titles), IC, CC, PAC, CT, BT	D TRIALEN
TRIALES	TI (all titles), IC, CCES, PAC, CTES, BTES	D TRIALES
TRIALFR	TI (all titles), IC, CCFR, PAC, CTFR, BTFR	D TRIALFR
SCAN (3)	TI, CT, CTFR, CTDE, CTES (random display without answer number)	D SCAN
HIT	Hit term(s) and field(s)	D HIT
KWIC	Up to 50 words before and after hit term(s) (KeyWord-In-Context)	D KWIC
OCC	Number of occurrences of hit term(s) and field(s) in which they occur	D OCC

(1) Custom display only.

(2) Only available in the area of metallurgy.

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

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 (2)	N
Abstract in French	ABFR	Y (2)	N
Accession Number	AN	Y	N
Author	AU	Y	Y
Availability	AV	Y	Y
Bibliographic Level	BL	Y	Y
Broader Term (in English)	BT (BTEN)	Y	N
Broader Term (in French)	BTFR	Y	N
Broader Term (in German)	BTDE	Y	N
Broader Term (in Spanish)	BTES	Y	N
Classification Code	CC (CCEN)	Y	Y
Classification Code (in French)	CCFR	Y	Y
Classification Code (in Spanish)	CCES	Y	Y

SELECT, ANALYZE, and SORT Fields (cont'd)

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Citation	CIT (RE)	Y (2,3)	Y
CODEN	CODEN	N	Y
Corporate Source (patent assignee)	CS	Y	Y
Controlled Term	CT (CTEN)	Y	N
Controlled Term (in German)	CTDE	Y	N
Controlled Term (in Spanish)	CTES	Y	N
Controlled Term (in French)	CTFR	Y	N
Country of Publication	CY	Y	Y
Dissertation Information	DI	Y	Y
Document Type	DT (TC)	Y	Y
International Patent Classification	IC (IPC)	Y	Y
International Standard Book Number	ISBN	N	Y
International Standard (Document) Number	ISN	Y (4)	Y
International Standard Serial Number	ISSN	N	Y
Journal Title (contains full and abbreviated title)	JT	Y	Y
Journal Title, Abbreviated	JTA	Y (5)	Y
Journal Title, Full	JTF	Y (5)	Y
Language	LA	Y	Y
Meeting Date	MD	Y	Y
Meeting Location	ML	Y	Y
Meeting Title	MT	Y	Y
Meeting Year	MY	Y	Y
Number of Report	NR	Y	Y
Note	NTE	Y	Y
Occurrence Count of Hit Terms	OCC	N	Y
Physics and Astronomy Code	PAC	Y	Y
Publisher	PB	Y	Y
Publication Date	PD	Y	Y
Publication Year	PY	Y	Y
Reference Count	REC (RE.CNT)	Y	Y
Summary Language	SL	Y	Y
Source	SO	Y (6)	Y
Title	TI	Y (7) (default)	Y
Title (in German)	TIDE	Y	Y
Title (in English)	TIEN	Y	Y
Title (in Spanish)	TIES	Y	Y
Title (in French)	TIFR	Y	Y
Update Date	UP (ED)	Y	Y
Word Count, Title	WC.T	Y	Y

- (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 TI.
- (2) SELECT or ANALYZE CIT allows you to extract the reference from the source documents in this file and have them automatically converted to a citation format for searching in the SCISEARCH file. SEL CIT selects first author, publication year, volume, first page, and a truncation symbol with /RE appended to the terms created by SELECT.
- (3) SELECT or ANALYZE HIT are not valid with this field.
- (4) Selects or analyzes CODEN, ISBN and ISSN with /ISN appended to the terms created by SELECT.
- (5) Appends /JT to the terms created by SELECT.
- (6) Selects or analyzes CODEN, ISBN and ISSN with /SO appended to the terms created by SELECT.
- (7) Selects or analyzes TIDE, TIEN, TIES, TIFR with /TI appended to the terms created by SELECT.

Sample Records**DISPLAY MAX**

```
AN 2008-0228760 PASCAL
CP Copyright .COPYRGT. 2008 INIST-CNRS. All rights reserved.
TIEN An harmonised combination of tenders in order to increase utility for
customers
TIFR Une combinaison harmonisee d'offres afin d'augmenter l'utilite pour la
```

PASCAL

clientele
 TIDE Mit stimmiger Kombination von Angeboten zu gesteigertem Kundennutzen
 AU BLUMENSTEIN Andreas
 CS Buero fuer Mobilitaet AG, Bern/Burgdorf, Switzerland
 SO Strasse und Verkehr, (2007), 93(10), 32-35
 ISSN: 0039-2189 CODEN: SVERAA
 DT Journal
 BL Analytic
 CY Switzerland
 LA German
 SL French
 AV INIST-6514, 354000162021040070
 ABFR Des mesures isolees pour les pietons et les cyclistes apportent effectivement d'importantes ameliorations mais elles sont incapables de modifier sensiblement le comportement en matiere de transport. Pour augmenter de maniere significative ces parts dans les deplacements, il s'agit de constituer un ensemble par une combinaison harmonisee de mesures autrement isolees. L'adaptation de l'approche marketing classique issue de la direction d'entreprise permet d'atteindre cet objectif. La constitution d'ensembles 'sur mesure' n'est judicieuse qu'en integrant les chances et les synergies locales. Tels sont les resultats du mandat de recherche SVI 'Reflexions sur une approche marketing pour le trafic pietonnier et cycliste'.
 CC 001D15B; Applied sciences; Transportation economics, Transportation management
 001D15C; Applied sciences; Road transportation
 001D14005; Applied sciences; Buildings, Public works, Civil engineering; Transportation infrastructure
 295; Buildings, Public works, Civil engineering
 CCFR 001D15B; Sciences appliquees; Economie des transports, Gestion des transports
 001D15C; Sciences appliquees; Transports routiers
 001D14005; Sciences appliquees; Batiment, Travaux publics, Genie civil; Infrastructure des transports
 295; Batiment, Travaux publics, Genie civil
 CCES 001D15B; Ciencias aplicadas; Economia de los transportes, Gestion de los transportes
 001D15C; Ciencias aplicadas; Transportes por carretera
 001D14005; Ciencias aplicadas; Edificios, Obras publicas, Ingenieria civil; Infraestructura de los transportes
 295; Edificios, Obras publicas, Ingenieria civil
 CT Transportation policy; Road traffic; Pedestrian traffic; Bicycle; Marketing; Offer; Switzerland
 CTFR Politique transport; Trafic routier; Trafic pieton; Bicyclette; Commercialisation; Offre; Suisse
 CTES Politica transporte; Trafico carretera; Trafico peatones; Bicicleta; Comercializacion; Oferta; Suiza
 BT Europe
 BTFR Europe
 BTES Europa

DISPLAY ALL

AN 2008-0243256 PASCAL
 CP Copyright .COPYRGT. 2008 INIST-CNRS. All rights reserved.
 TIEN Foreign body reaction to materials implanted as biocompatible for internal fixation
 TIDE Fremdkoerperreaktion nach Implantation eines biokompatiblen Osteosynthesesystems
 AU THIELE A.; BILKENROTH U.; BLOCHING M.; KNIPPING S.
 CS Klinik fuer Hals-, Nasen-und Ohrenheilkunde, Kopf-und Halschirurgie der

Martin-Luther-Universitaet Halle-Wittenberg, Germany, Federal Republic of; Institut fuer Rechtsmedizin der Martin-Luther-Universitaet Halle-Wittenberg, Germany, Federal Republic of; Klinik fuer Hals-, Nasen-, Ohrenheilkunde, Universitaetskliniken des Saarlandes, Homburg, Germany, Federal Republic of

SO HNO. Hals-, Nasen-, Ohrenaerzte, (2008), 56(5), 545-548, 10 refs.
ISSN: 0017-6192

DT Journal
BL Analytic
CY Germany, Federal Republic of
LA German
SL English
AV INIST-15900, 354000195856610100
AB After implantation of resorbable materials for internal fixation, foreign body reactions are described in 0-47% of cases. Copolymers of poly-I-lactic acid (PLLA) and polyglycolic acid (PGA) seem to offer better biocompatibility than other materials. One of our patients had a midfacial fracture, which we fixed using a resorbable system based on PLLA-PGA (82%-18%); a foreign body reaction developed after 22 months. When resorbable materials are used it is essential to be aware specifically of the risk of foreign body reactions, especially when the facial area is involved. This risk must be discussed with the patient in some detail during the preoperative period.

CC 002B10; Life sciences; Medical sciences
CT Foreign body; Fracture; Implant; Device; Lactic acid polymer; Face; ENT; Stomatology; Treatment; Internal fixation
BT Osteosynthesis; Diseases of the osteoarticular system; Trauma; Surgery

DISPLAY BIB

AN 2008-0244954 PASCAL
CP Copyright .COPYRGT. 2008 INIST-CNRS. All rights reserved.
TIEN Design sensitivity analysis of nonlinear structures subjected to thermal loads
AU PARENTE Evandro JR; MARQUES DE SOUSA Joao Batista JR
CS Department of Structural Engineering, Federal University of Ceara, Campus do Pici, Bloco 710, 60455-760, Fortaleza, Ceara, Brazil; Department of Civil Engineering, Federal University of Ouro Preto, Brazil
SO Computers & structures, (2008), 86(11-12), 1369-1384, 42 refs.
ISSN: 0045-7949
DT Journal
BL Analytic
CY United Kingdom
LA English
AV INIST-15265, 354000183079350190

In North America

CAS
STN North America
P.O. Box 3012
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CAS Customer Center:
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In Europe

FIZ Karlsruhe
STN Europe
P.O. Box 2465
76012 Karlsruhe
Germany
Phone: +49-7247-808-555
Fax: +49-7247-808-259
E-mail: helpdesk@fiz-karlsruhe.de
Internet: www.stn-international.com

In Japan

JAIICI (Japan Association for International Chemical Information)
STN Japan
Nakai Building
6-25-4 Honkomagome, Bunkyo-ku
Tokyo 113-0021, Japan
Phone: +81-3-5978-3601 (Technical Service)
+81-3-5978-3621 (Customer Service)
+81-3-5978-3600
Fax: +81-3-5978-3600
E-mail: support@jaici.or.jp (Technical Service)
customer@jaici.or.jp (Customer Service)
Internet: www.jaici.or.jp