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STN Database Summary Sheet

PASCAL is a unique multidisciplinary, multilingual bibliographic database covering the major international literature in science, technology, and medicine.

Each citation includes the article's original title, an English translated title, a French title, and an abstract, mostly in English or French. Author abstracts are included in 80% of records since 1995. Author affiliations are given in all records since 1995. Index 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.

Approximately 5000 journal titles are indexed in PASCAL, which corresponds to a worldwide coverage. The coverage in PASCAL by language is approximately: English 76%, French 10%, Russian 6%, German 5%, and other languages 3%.

Subject Coverage

- Agriculture
- Astronomy and Astrophysics
- Biology
- Chemistry and Related Fields
- Engineering and Technology
- Environment
- Food Industry
- Forestry
- Medicine
- Pharmacology
- Physical Sciences
- Psychology

Sources

- Journals
- Reports
- Conference proceedings
- Books
- Theses (mainly French)

File Data

- 1977 to the present
- More than 13.1 million records (6/03)
- Updated weekly with about 9,000 records
- Automatic current-awareness searches (SDIs) are run weekly

User Aids

- PASCAL Database Description Scheme (available from producer)
- Online Helps (HELP DIRECTORY lists all help messages available)
- STNGUIDE

Database Producer

Institut de l'Information Scientifique et Technique
du Centre National de la Recherche Scientifique
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Copyright Holder

Database Supplier

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E-mail: helpdesk@fiz-karlsruhe.de

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Internet: www.cas.org

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P.O. Box 2465
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Internet: www.stn-international.de

In Japan

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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)
Fax: +81-3-5978-3600
E-mail: helpdesk@jaici.or.jp (Technical Service)
cas-stn@jaici.or.jp (Customer Service)
Internet: www.jaici.or.jp

PASCAL**Search and Display Field Codes**

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

Search Field Name	Search Code	Search Examples	Display Codes
Basic Index* (contains single words from title (TI, TIEN, TIES, TIDE, TIFR), abstract (AB, ABFR), controlled term (CT, CTDE CTES, CTFR), and broader term (BT, BTDE, BTES, BTFR) fields)	None (or /BI)	S GENETIC DIVERSITY S GENETIC (L) ENGINEER? S NIOBIUM (S) ORGANIC S ?CEPHALOSPOR?	AB, ABFR, BT, BTDE, BTES, BTFR, CT, CTDE, CTES, CTFR, TI, TIEN, TIDE, TIES, TIFR
Abstract (in English) Abstract in French 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)(1) Bibliographic Level Broader Term Broader Term in French Broader Term in German Broader Term in Spanish Classification Code (in English) (1)	/AV /BL /BT (or /BTEN) /BTFR /BTDE /BTES /CC (or /CCEN)	S CNRS-1007/AV S L1 AND MONOGRAPHIC/BL S MANAGEMENT SCIENCE/BT S OPTIQUE ATMOSPHERIQUE/BTFR S NETZPLANTECHNIK/BTDE S PACIFICO NORDESTE/BTES S 001A01A03A/CC S GENERAL CHEMISTRY/CC	AV BL BT BTFR BTDE BTES CC
Classification Code in French (1) Classification Code in Spanish	/CCFR /CCES	S ANALYSE NUMERIQUE/CCFR S 001A02E08/CCFR S OBESIDAD/CCES S 002B22B/CCES	CCFR CCES
Corporate Source (includes affiliation of author and patent assignee) (1)	/CS	S DEPARTMENT NEUROLOGY/CS	CS
Controlled Term (in English) (includes Physics and Astronomical Code)	/CT (or /CTEN)	S BODE DIAGRAM/CT	CT
Controlled Term in French (includes Physics and Astronomical Code)	/CTFR	S SCIENCE DU SOL/CTFR	CTFR
Controlled Term in German (2) Controlled Term in Spanish (includes Physics and Astronomical Code)	/CTDE /CTES	S BEGLEITELEMENT/CTDE S ABANDONO ESTUDIO/CTES	CTDE CTES
Controlled Word	/CW	S MONOCRYSTALS/CW	CT, CTDE, CTES, CTFR CY
Country of Publication (ISO code and text) Dissertation Information	/CY /DI	S AU/CY S AUSTRALIA/CY S MARSEILLE/DI AND 1999/PY S (UNIVERSITE AND VILLENEUVE)/DI	DI, SO
Document Type (ISO code and English 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 International Standard (Document) Number (contains CODEN, ISBN, ISSN)	/FA /IC (or /IPC) /ISN	S TIES/FA S A61K035/IC S 1000-9426/ISN S AAEJAF/ISN S 1-85312-006-5/ISN	Not displayed IC ISN, SO

Search and Display Field Codes (cont'd)

Search Field Name	Search Code	Search Examples	Display Codes
Journal Title (contains full and abbreviated title)	/JT	S JOURNAL DE GENETIQUE HUMAINE/JT S J ACOUST EMISS/JT	JT, JTA, JTF, SO
Language (ISO code and text)	/LA	S GERMAN/LA S DE/LA	LA
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
Meeting Year (3)	/MY	S 1998-1999/MY	MY, 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	CT, PAC
Priority Number, Original	/PRNO	S GB 8206262/PRNO	SO
Publication Date (3)	/PD	S 19891018/PY	PD, SO
Publication Year (3)	/PY	S 1999-2000/PY	PY, SO
Publisher (1)	/PB	S SPRINGER BERLIN/PB	PB, SO
Reference Count (3)	/REC (/RE.CNT)	S REC>25	REC, SO
Source (contains journal title, patent, application, and priority information, collation information (volume, issue, pagination), publication date, meeting information, number of report, publisher, dissertation information, ISSN, ISBN, and CODEN)	/SO	S JOURNAL OF PERFORMANCE/SO S (JPCFEV 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 (3)	/UP (or /ED)	S L5 AND UP>=20010100	UP
Word Count, Title (3)	/WC.T	S WC.T<10	WC.T

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

(2) Only available in the area of metallurgy.

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

PASCAL**DISPLAY and PRINT Formats**

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

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

Format	Definition	Examples
AB	Abstract	D TI AB
ABFR	Abstract in French	D TI ABFR
AN (1)	Accession Number	D 1 5 AN
AU	Author (includes patent inventor)	D AU TI
AV	Availability	D AV
BL (1)	Bibliographic Level	D BL
BT (BTEN) (1)	Broader Term (in English)	D CT BT 5-15
BTDE (1)	Broader Term in German	D BTDE
BTES (1)	Broader Term in Spanish	D BTES
BTFR (1)	Broader Term in French	D BTFR
CC (CCEN) (1)	Classification Code (in English)	D CC 1,3
CCES	Classification Code in Spanish	D CCES
CCFR	Classification Code in French	D CCFR
CP (1)	Copyright Notice	D CP
CS	Corporate Source (includes affiliation of author and patent assignee)	D CS
CT (CTEN) (1)	Controlled Term (in English)	D CT 7
CTDE (1)	Controlled Term in German	D CTDE
CTES (1)	Controlled Term in Spanish	D CTES
CTFR (1)	Controlled Term in French	D CTFR
CY (1)	Country of Publication	D CY
DI (2)	Dissertation Information	D DN
DT (TC) (1)	Document Type	D DT
IC (IPC) (1)	International Patent Classification	D IC
ISN (2)	International Standard (Document) Number	D ISN
JT (2)	Journal Title, Full and Abbreviated	D JT PY
JTA (2)	Journal Title, Abbreviated	D JTA
JTF (2)	Journal Title, Full	D TI JTF
LA (1)	Language	D LA TI
MD (2)	Meeting Date	D MD
ML (2)	Meeting Location	D ML
MT (2)	Meeting Title	D MT
MY (2)	Meeting Year	D MY
NR	Number of Report	D NR
NTE (1)	Note (contains translation data and map information)	D SO NTE
PAC (1)	Physics and Astronomy Code	D PAC
PB (2)	Publisher	D JT PB
PD (2)	Publication Date	D PD
PY (2)	Publication Year	D PY
REC (1,2) (REC.CNT)	Reference Count	D RE
SL (1)	Summary Language	D SL
SO	Source	D SO
TIDE (1)	Title in German	D TIDE
TIEN (1)	Title in English	D TIEN
TIES (1)	Title in Spanish	D TIES
TIFR (1)	Title in French	D TIFR
UP (ED) (1,2)	Update Date	D UP
WC.T (1,2)	Word Count, Title	D WC.T

DISPLAY and PRINT Formats (cont'd)

Format	Definition	Examples
ABS ALL (ALLEN)	AN, CP, AB, ABFR AN, CP, TIEN, TIFR, TIDE, TIES, TI, AU, CS, SO, NR, DT, BL, CY, LA, SL, NTE, AV, AB, ABFR, IC, CC, PAC, CT, BT	D ABS D ALLEN
ALLDE (3)	AN, CP, TIEN, TIFR, TIDE, TIES, TI, AU, CS, SO, NR, DT, BL, CY, LA, SL, NTE, AV, AB, ABFR, IC, CC, PAC, CTDE, BTDE	D ALLDE
ALLES	AN, CP, TIEN, TIFR, TIDE, TIES, TI, AU, CS, SO, NR, DT, BL, CY, LA, SL, NTE, AV, AB, ABFR, IC, CCES, PAC, CTES, BTES	D ALLES
ALLFR	AN, CP, TIEN, TIFR, TIDE, TIES, TI, AU, CS, SO, NR, DT, BL, CY, LA, SL, NTE, AV, AB, ABFR, IC, CCFR, PAC, CTFR, BTFR	D ALLFR
DALL	ALL, delimited for post-processing	D DALL
IALL	ALL, indented with text labels	D IALL
BIB	AN, CP, TIEN, TIFR, TIDE, TIES, TI, AU, CS, SO, NR, DT, BL, CY, LA, SL, NTE, AV (BIB is the default)	D BIB L2 3
IBIB	BIB, indented with text labels	D IBIB
IND (1)	AN, CP, IC, CC, CCFR, CCES, PAC, CT, CTFR, CTDE, CTES, BT, BTFR, BTDE, BTES	D IND
INDDE (1,3)	AN, CP, IC, CC, PAC, CTDE, BTDE	D INDDE
INDEN (1)	AN, CP, IC, CC, PAC, CT, BT	D INDEN
INDES (1)	AN, CP, IC, CCES, PAC, CTES, BTES	D INDES
INDFR (1)	AN, CP, IC, CCFR, PAC, CTFR, BTFR	D INDFR
MAX	AN, CP, TIEN, TIFR, TIDE, TIES, TI, AU, CS, SO, NR, DT, BL, CY, LA, SL, NTE, AV, AB, ABFR, IC, CC, CCFR, CCES, PAC, CT, CTFR, CTDE, CTES, BT, BTFR, BTDE, BTES	D 1-3 MAX
SCAN (1,4)	TIEN, TIFR, TIDE, TIES, TI, CT, CTFR, CTDE, CTES (random display without answer number)	D SCAN
TI (1)	Titles (TIEN, TIFR, TIDE, TIES, TI)	D TI 1-10
TRIAL (1) (SAM,FREE)	TIEN, TIFR, TIDE, TIES, TI, IC, CC, CCFR, CCES, PAC, CT, CTFR, CTDE, CTES, BT, BTFR, BTDE, BTES	D TRI TOTAL
TRIALDE (1,3)	TIEN, TIFR, TIDE, TIES, TI, IC, CC, PAC, CTDE, BTDE	D TRIALDE
TRIALEN (1)	TIEN, TIFR, TIDE, TIES, TI, IC, CC, PAC, CT, BT	D TRIALEN
TRIALES (1)	TIEN, TIFR, TIDE, TIES, TI, IC, CCES, PAC, CTES, BTES	D TRIALES
TRIALFR (1)	TIEN, TIFR, TIDE, TIES, TI, IC, CCFR, PAC, CTFR, BTFR	D TRIALFR
HIT	Fields containing hit terms	D HIT
KWIC	Hit term with 20 words on either side (KeyWord-In-Context)	D KWIC NOH
OCC (1)	Number of occurrences of hit terms and fields in which they occur	D OCC 1-6

(1) No online display fee for this format.

(2) Custom display only.

(3) Only available in the area of metallurgy.

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

PASCAL**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	Y	N
	BTEN	Y (3)	N
Broader Term in French	BTFR	Y	N
Broader Term in German	BTDE	Y	N
Broader Term in Spanish	BTES	Y	N
Citation	CIT	Y (4,5)	N
	RE	Y (4,5)	N
Classification Code (in English)	CC	Y	Y
	CCEN	Y (6)	Y
Classification Code in French	CCFR	Y	Y
Classification Code in Spanish	CCES	Y	Y
CODEN	CODEN	N	Y
Controlled Term (in English)	CT	Y	N
	CTEN	Y (7)	N
Controlled Term in French	CTFR	Y	N
Controlled Term in German	CTDE	Y	N
Controlled Term in Spanish	CTES	Y	N
Corporate Source (patent assignee)	CS	Y	Y
Country of Publication	CY	Y	Y
Dissertation Information	DI	Y	Y
Document Type	DT	Y	Y
Entry Date	ED	Y (8)	Y
International Patent Classification	IC	Y	Y
	IPC	Y (9)	Y
International Standard Book Number	ISBN	N	Y
International Standard (Document) Number	ISN	Y (10)	Y
International Standard Serial Number	ISSN	N	Y
Journal Title	JT	Y	Y
Journal Title, Abbreviated	JTA	Y (11)	Y
Journal Title, Full	JTF	Y (11)	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
Note	NTE	Y	Y
Number of Report	NR	Y	Y
Occurrence Count of Hit Terms	OCC	N	Y
Physics and Astronomy Code	PAC	Y	Y
Publication Date	PD	Y	Y
Publication Year	PY	Y (5)	Y
Publisher	PB	Y	Y

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

Field Name	Field Code	ANALYZE/ SELECT (1)	SORT
Reference Count	REC	Y (5)	Y
	RE.CNT	Y (5)	Y
Source	SO	Y (12)	Y
Summary Language	SL	Y	Y
Title	TI	Y (13) (default)	Y
Title in English	TIEN	Y	Y
Title in French	TIFR	Y	Y
Title in German	TIDE	Y	Y
Title in Spanish	TIES	Y	Y
Treatment Code	TC	Y (14)	Y
Update Date	UP	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) Appends /BI to the terms created by SELECT.
- (3) Appends /BT to the terms created by SELECT.
- (4) Extracts first author, publication year, volume, and first page with a truncation symbol appended and with /RE appended to the terms created by SELECT.
- (5) SELECT HIT is not valid with this field.
- (6) Appends /CC to the terms created by SELECT.
- (7) Appends /CT to the terms created by SELECT.
- (8) Appends /UP to the terms created by SELECT.
- (9) Appends /IC to the terms created by SELECT.
- (10) Selects or analyzes the CODEN, ISSN, and ISBN and appends /ISN to the terms created by SELECT.
- (11) Appends /JT to the terms created by SELECT.
- (12) Selects or analyzes the CODEN, ISSN, and ISBN and appends /SO to the terms created by SELECT.
- (13) Selects or analyzes the TI, TIDE, TIEN, TIES, and TIFR and appends /TI to the terms created by SELECT.
- (14) Appends /DT to the terms created by SELECT.

PASCAL**Sample Records****DISPLAY MAX**

AN 1999-0046903 PASCAL
 CP Copyright .COPYRGT. 1999 INIST-CNRS. All rights reserved.
 TIEN Reseau Ferre de France : High speed projects
 EURAILSPEED 98
 EURAILSPEED 98 : Third congress on high speed. Berlin, 28-30 October 1998
 TIFR Reseau Ferre de France : Projets Grande Vitesse
 AU DE TREGLODE H.
 CS Reseau Ferre de France, France
 Union internationale des chemins de fer, Paris, France (patr.);
 Communaute des chemins de fer europeens, EUR (patr.); Union des
 industries ferroviaires europeennes, EUR (patr.)
 SO Rail international : (Ed. francaise), (1998), 29(9-10), 29-30
 Conference: 3 Congres EURAILSPEED 98 : Congres Mondial sur la Grande
 Vitesse, Berlin (Germany, Federal Republic of), 28 Oct 1998
 ISSN: 1022-4076 CODEN: RAIIAF
 DT Journal; Conference
 BL Analytic
 CY Belgium
 LA French
 AV INIST-14591, 354000071456920050
 ABFR Le developpement du transport a grande vitesse en Europe comprend
 plusieurs ages. D'abord, il y a eu l'age des recherches. En France,
 elles ont commence en 1967. La brillante experience du Japon a bien
 sur beaucoup aide les devanciers europeens. Il y a eu ensuite l'age
 des premiers succes : en France, avec la ligne Paris-Lyon, vite
 devenue une reussite a tous egards. Le troisieme age a ete celui de
 l'expansion, rapide dans certains pays, un peu moins dans d'autres ;
 c'est le temps des ambitieux schemas directeurs. Ce troisieme age
 s'est acheve il y a peu. Le quatrieme age dans lequel nous sommes
 entres est l'age de la maturite. Il se batit sur les succes et les
 insuffisances de l'age precedent, et sur les consequences des
 reformes ferroviaires qui changent profondement l'organisation des
 activites et les modalites de financement dans tous les pays de
 l'Union Europeenne.
 CC 001D15D; Applied sciences; Railway transportation
 001D14008; Applied sciences; Buildings, Public works, Civil
 engineering; Transportation infrastructure
 295; Buildings, Public works, Civil engineering
 CCFR 001D15D; Sciences appliquees; Transports ferroviaires
 001D14008; Sciences appliquees; Batiment, Travaux publics, Genie
 civil; Infrastructure des transports
 295; Batiment, Travaux publics, Genie civil
 CCES 001D15D; Ciencias aplicadas; Transportes ferroviarios
 001D14008; Ciencias aplicadas; Edificios, Obras publicas, Ingenieria
 civil; Infraestructura de los transportes
 295; Edificios, Obras publicas, Ingenieria civil
 CT Rail transportation; Railway network; Project evaluation; High speed
 train; High speed; Transportation infrastructure; New railway line;
 Transportation policy; France; International conference
 CTFR Transport ferroviaire; Reseau ferroviaire; Evaluation projet; Train
 TGV; Grande vitesse; Infrastructure transport; Ligne nouvelle;
 Politique transport; France; Congres international
 CTES Transporte ferroviario; Red ferroviaria; Evaluacion proyecto; Tren
 TGV; Gran velocidad; Infraestructura transporte; Linea nueva;
 Politica transporte; Francia; Congreso internacional
 BT Europe
 BTFR Europe
 BTDE Europa
 BTES Europa

DISPLAY IBIB

ACCESSION NUMBER: 2000-0452322 PASCAL
TITLE (IN ENGLISH): Study of salt water intrusion in coastal aquifers
of the Southern Venetian Region: preliminary
results
TITLE: Studio dell'intrusione saline negli acquiferi
costieri del comprensorio meridionale veneziano:
risultati preliminari
AUTHOR: GALGARO A.; TOSI L.
CORPORATE SOURCE: Dipartimento di Geologia, Paleontologia e
Geofisica, Universita degli Studi di Padova, Via
Rudena, 3, 35123 Padova, Italy; Istituto per lo
Studio della Dinamica delle Grandi Masse, CNR, S.
Polo 1364, 30125 Venezia, Italy
SOURCE: Geologia tecnica & ambientale, (1999) (2), 39-45,
27 refs.
Illustrations
DOCUMENT TYPE: Journal
BIBLIOGRAPHIC LEVEL: Analytic
COUNTRY: Italy
LANGUAGE: Italian
SUMMARY LANGUAGE: English
AVAILABILITY: BRGM-I 128