

BABS (Bibliographies and Abstracts of the ReaxysFile)

**Subject Coverage**

- Organic and related chemistry

File Type

Bibliographic

Features

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

Record Content

- Records contain bibliographic information, indexing data, and abstracts.

File Size

- 1.276.976 records (07/11)

Coverage

1980-present

Updates

Quarterly

Language

English

Database Producer

Elsevier Information Systems GmbH
Theodor-Heuss-Allee 108
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Copyright Holder:

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Database Supplier

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E-mail: helpdesk@fiz-karlsruhe.de

Sources

- More than 180 journals

User Aids

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

Clusters

- ALLBIB
- AUTHORS
- CHEMISTRY
- MATERIALS
- PHARMACOLOGY
- POLYMERS
- TOXICOLOGY

[STN Database Clusters](#) information (PDF)

Pricing

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

Search and Display Field Codes

General Search Fields

| 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 SOLVENT PROTON S MOLECULAR ORBITAL? | AB, CT, TI |
| Accession Number | /AN | S 6140634/AN | AN |
| Author | /AU | S MANCINI, M/AU | AU |
| Controlled Term | /CT | S MANNICH REACTIONS/CT | CT |
| Controlled Word | /CW | S ABIES/CW | CT |
| Document Type | /DT | S JOURNAL/DT | DT |
| (code and text) | (or /TC) | | |
| Entry Date (1) | ED | S ED=2009 | ED |
| | (or /UP) | | |
| Field Availability | /FA | S AB/FA | not displayed |
| International Standard (Document) Number (contains CODEN) | /ISN | S ASBSDK/ISN | ISN, SO |
| Issue (1) | /IS | S 10/IS AND 102/VL AND JPCBFK/ISN | SO |
| Journal Title | /JT | S J ORG CHEM/JT | JT, SO |
| Language | /LA | S DE/LA | LA |
| (ISO code and text) | | S GERMAN/LA | |
| Publication Year (1) | /PY | S 1999/PY | PY, SO |
| Source (contains journal title, CODEN, pagination and publication year) | /SO | S SYNLES/SO S CHEM EUROP J/SO | SO |
| Summary Language (ISO code and text) | /SL | S FR/SL S FRENCH/SL | SL |
| Title | /TI | S ASYMMETRIC SYNTHESIS/TI | TI |
| Volume (1) | /VL | S 10-12/VL | SO |
| Word Count, Title (1) | /WC.T | S WC.T<10 | WC.T |

(1) 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.

| Format | Content | Examples |
|---------|------------------------------------------|----------|
| AB | Abstract | D AB, TI |
| AN | Accession Number | D 1-5 AN |
| AU | Author | D AU TI |
| CT | Controlled Term | D CT |
| DT (TC) | Document Type | D DT |
| ED (1) | Entry Date | D ED |
| ISN (1) | International Standard (Document) Number | D ISN |
| JT (1) | Journal Title | D JT |
| LA | Language | D LA |
| PY (1) | Publication Year | D PY |

DISPLAY and PRINT Formats (cont'd)

| Format | Content | Examples |
|---------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------|
| SL SO TI WC.T (1) | Summary Language Source Title Word Count, Title | D SL D SO D TI D WC.T |
| ABS ALL DALL IALL BIB IBIB IND TRIAL (TRI, SAMPLE, SAM, FREE) SCAN (2) | AN, AB AN, TI, AU, SO, DT, LA, SL, AB, CT ALL, delimited for post processing ALL, indented with text labels AN, TI, AU, SO, DT, LA. SL (default) BIB, indented with text labels AN, TI, CT AN, TI, CT TI, CT (random display without answer numbers) | D ABS D ALL D DALL D IALL D BIB D IBIB D IND D TRIAL D SCAN |
| HIT KWIC OCC | Hit term(s) and field(s) Up to 50 words before and after hit term(s) (KeyWord-In-Context) Number of occurrences of hit term(s) and field(s) 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..

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 |
| Accession Number | AN | Y | N |
| Author | AU | Y | Y |
| CODEN | CODEN | Y | Y |
| Controlled Term | CT | Y | N |
| Document Type | DT (TC) | Y | N |
| Entry Date | ED (UP) | Y | Y |
| International Standard (Document) Number | ISN | Y (3) | Y |
| Journal Title | JT | Y | Y |
| Language | LA | Y | Y |
| Occurrence Count of Hit Terms | OCC | N | Y |
| Publication Year | PY | Y | Y |
| Source | SO | Y (4) | Y |
| Summary Language | SL | Y | Y |
| Title | TI | Y (default) | 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) Selects or analyzes CODEN with /ISN appended to the terms created by SELECT.

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

Sample Records

DISPLAY BIB

AN 7119274 BABS
TI Femtosecond laser processing of biopolymers at high repetition rate
AU Gaspard, Solenne; Forster, Magdalena; Huber, Christoph; Zafiu, Christian;
Trettenhahn, Guenter; Kautek, Wolfgang; Castillejo, Marta
SO Physical Chemistry Chemical Physics (2008), 10(40), 6174 - 6181
CODEN: PPCPFQ
DT Journal

DISPLAY IALL

ACCESSION NUMBER: 7019535 BABS
TITLE: Two-dimensional spectroscopy with parallel acquisition
of 1H-X and 19F-X correlations
AUTHOR(S): Kupce, Eriks; Cheatham, Steve; Freeman, Ray
SOURCE: Magnetic Resonance in Chemistry (2007), 45(5), 378 -
380
CODEN: MRCHEG
DOCUMENT TYPE: Journal
ABSTRACT: Two-dimensional NMR spectra correlating both 1H and
19F nuclei with either 13C or 15N, are recorded at the
same time, using a 600-MHz broadband radio frequency
probe feeding independent 1H and 19F receiver
channels. This technique, known as parallel
acquisition NMR spectroscopy (PANSY), speeds up
multidimensional NMR and is compatible with other
fast-acquisition schemes. The method is illustrated
with single-bond (HSQC) and multiple-bond (HMBC)
experiments on
2-bromophenyl-3-trifluoromethyl-5-methylpyrazole,
giving simultaneous 1H-X and 19F-X correlation spectra
(X = 13C or 15N). CONTROLLED TERM(S): 1H; 19F; 13C;
15N; NMR; correlation spectroscopy;
parallel acquisition; trifluoromethylpyrazole

In North America

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