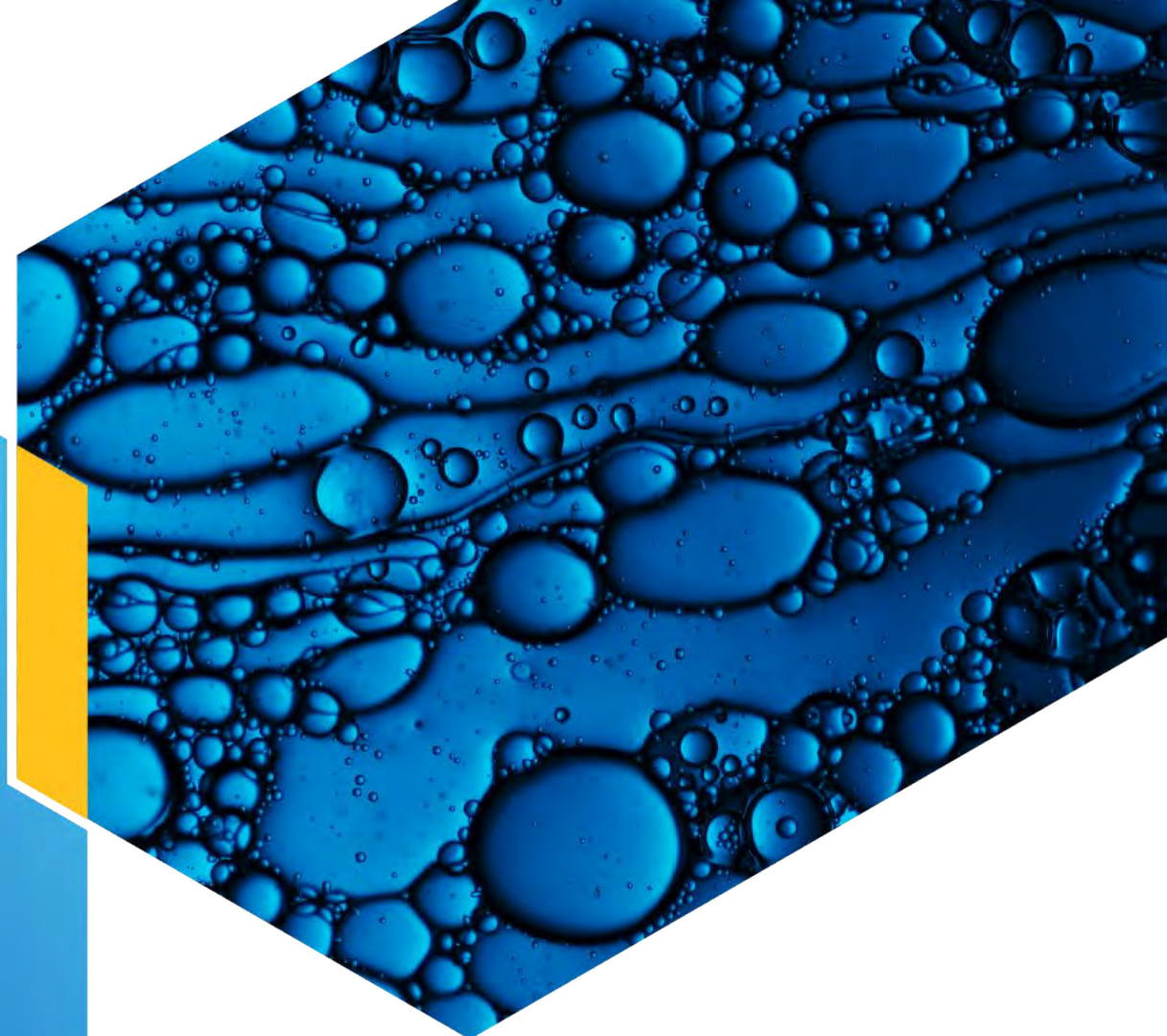


Meet the Database – CABA

Jim Brown



Agenda

Content and Coverage

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Search Tips



CABA Content and Coverage

- CAB Abstracts (CABA) is produced by CABI (formerly known as the Commonwealth Agricultural Bureaux)
- Over 10M records including bibliographic information, indexing, and an abstract in English
- This database contains references to the world's life sciences literature, emphasizing agricultural literature
 - Agriculture, environment, veterinary sciences, applied economics, food science and nutrition
- Includes value-add controlled terms, supplementary terms, broader terms, CAS REGISTRY numbers, and physical property fields

Where does CABA's information come from?

- Journals, conference proceedings, reports, books, bulletins, newsletters
- Coverage from 1973-present
- Updated weekly

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CABA Controlled Term Searching

- The CABA Controlled Terms are hierarchical
- To see the complete hierarchy, use **E *controlled term*+ALL/CT**

```
=> E POLYSACCHARIDES+ALL/CT
```

E1	71706	BT1	carbohydrates/CT
E2	37778	-->	polysaccharides/CT
E3	0	UF	complex carbohydrates/CT
E4	5037	NT1	chitin/CT
E5	1761	NT1	fructans/CT
E6	4381	NT2	inulin/CT
E7	284	NT2	levan/CT
E8	553	NT1	galactans/CT
E9	2197	NT2	agar/CT
E10	366	NT2	agarose/CT
E11	3539	NT2	carrageenan/CT
E12	3014	NT1	glucans/CT
E13	199	NT2	alpha-glucan/CT
E14	5150	NT2	beta-glucan/CT
E15	1624	NT2	callose/CT
E16	32478	NT2	cellulose/CT
E17	11310	NT3	lignocellulose/CT
E18	1356	NT2	dextran/CT
E19	855	NT2	dextrins/CT
E20	2552	NT3	cyclodextrins/CT

CABA Controlled Term Searching

- Broader terms are not automatically added to the indexing, so consider adding the appropriate broader and narrower terms to the search query

```
=> S POLYSACCHARIDES/CT,BT

      37778 POLYSACCHARIDES/CT
      0 POLYSACCHARIDES/BT
L1    37778 POLYSACCHARIDES/CT,BT

=> S CHITIN/CT

L2    5037 CHITIN/CT

=> S L1 AND L2

L3    283 L1 AND L2
```

```
=> S POLYSACCHARIDES+NT/CT

L4    223581 POLYSACCHARIDES+NT/CT (58 TERMS)
```

CAS Registry Number Searching

- CAS Registry Numbers are searched in the Basic Index
- CAS Registry Numbers are displayed in the RN field

CAS Registry Number Searching

```
=> S 130068-27-8

L4      12945 130068-27-8

=> D BIB RN

L4      ANSWER 1 OF 12945 CABA COPYRIGHT 2021 CABI on STN.
AN      2021:414770  CABA Full-text
DN      20210328574
TI      The activation effects of fucoidan from sea cucumber Stichopus
        chloronotus on RAW264.7 cells via TLR2/4-NF-κB pathway and its
        structure-activity relationship.
AU      Jiang ShuXin; Yin HuanAn; Li Rui; Shi WeiWei; Mou JiaoJiao; Yang Jie;
        Jiang, S. X.; Yin, H. A.; Li, R.; Shi, W. W.; Mou, J. J.; Yang, J.
CS      School of Pharmacy, Weifang Medical University, Weifang 261053,
        Shandong, China.
        EMAIL: moujiaojiao@wfmw.edu.cn; yangjie@wfmw.edu.cn
SO      Carbohydrate Polymers (2021), Volume 270
        ISSN: 0144-8617
        DOI: https://doi.org/10.1016/j.carbpol.2021.118353
        Published by: Elsevier Ltd, Oxford
        URL (Availability): https://www.sciencedirect.com/science/article/abs/pii/S0144861721007402
CY      United Kingdom
DT      Journal
LA      English
ED      Entered STN: 1 Sep 2021
        Last updated on STN: 1 Sep 2021
RN      130068-27-8
```

Note: D KWIC will not display the RN field.

CAS Registry Number Searching

- Note:** CAS Registry Numbers are not indexed consistently. Include keyword searches to improve search results

=> FILE REGISTRY

=> S XYZAL/CN

L1 1 XYZAL/CN

=> D RN

L1 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2021 ACS on STN

RN **130018-87-0** REGISTRY

=> FILE CABA

=> S 130018-87-0

L2 0 130018-87-0

=> S XYZAL OR LEVOCETIRIZINE

1 XYZAL

33 LEVOCETIRIZINE

L3 33 XYZAL OR LEVOCETIRIZINE

Database features on STNext

- Numeric Property Searching (NPS) is available in CABA

```
=> S (XYZAL OR LEVOCETIRIZINE) AND 3-10 MG/M

      1 XYZAL
      33 LEVOCETIRIZINE
      75425 3-10 MG/M
L1      10 (XYZAL OR LEVOCETIRIZINE) AND 3-10 MG/M

=> D KWIC 1-3

L1      ANSWER 1 OF 10 CABA COPYRIGHT 2021 CABI on STN.
AB      . . . randomly and equally allocated in either CHM group (2 gm XFS
        and 2 gm QSFFT four times a day and 5 mg levocetirizine once daily
        for 28 days followed by 5 mg levocetirizine once daily alone for 28
        days) or control group (placebo and 5 mg levocetirizine daily
        followed by 5 mg levocetirizine once daily for 28 days alone).
        Symptom improvement was set as the primary outcome, and the influence on
        sleep quality. . .

L1      ANSWER 2 OF 10 CABA COPYRIGHT 2021 CABI on STN.
AB      . . . of 50 patients with moderate or more severe Japanese cedar
        pollen-induced allergic rhinitis were randomized to receive either
        placebo, desloratadine 5 mg (a tricyclic), or levocetirizine 5 mg
        (a piperazine). One dose of the study drug was orally administered at 9
        pm on the day before a . . . were extracted to the relevant
```

Database features on STNext

- Numeric Property Searching (NPS) is available in CABA

L1 ANSWER 3 OF 10 CABA COPYRIGHT 2021 CABI on STN.
AB . . . were conducted to investigate the clinical effect of pityriasis rosea treated by narrow-band ultraviolet B combined with runzaozhiyang capsule and **levocetirizine** dihydrochloride. A total of 72 patients with pityriasis rosea were randomized into the treatment and control groups. The 34 patients. . . patients in the treatment group took narrow-band ultraviolet B and 4 runzaozhiyang capsules 3 times. The 2 groups were given 5 mg **levocetirizine** dihydrochloride orally once a day and the whole treatment lasted for 20 days. Results showed that the effective rates were. . . in the control group. There were significant difference between the 2 groups. Narrow-band ultraviolet B combined with runzaozhiyang capsule and **levocetirizine** dihydrochloride had significant curative effects and good safety for clinical use.
TI Clinical research of narrow-band ultraviolet B combined with runzaozhiyang capsule and **levocetirizine** dihydrochloride for Pityriasis rosea.

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Tips for searching CABA on STNext

- Use EXPAND in the /PHP field to see all available physical properties. Searches with physical property field codes are carried out in the /TI and/AB fields
- Basic Index (/BI) includes single words from TI, AB, CT, ST, BT, ORGN and GT fields, as well as CAS Registry Numbers
- Other common searchable fields include AU, CS, DT, SO
- Most search fields available for ANALYZE and SELECT

=> E A/PHP 20

**** START OF FIELD ****

E3	0	--> A/PHP
E4	28927	AMOUNT OF SUBSTANCE/PHP
E5	28927	AOS/PHP
E6	123484	AREA/PHP
E7	377	BIR/PHP
E8	1791	BIT/PHP
E9	377	BIT RATE/PHP
E10	6080	CAP/PHP
E11	6080	CAPACITANCE/PHP
E12	528	CDN/PHP
E13	138771	CMOL/PHP
E14	37298	CON/PHP
E15	528	CURRENT DENSITY/PHP
E16	1638	DB/PHP
E17	1638	DECIBEL/PHP
E18	26058	DEG/PHP
E19	26058	DEGREE/PHP
E20	160818	DEN/PHP

Tips for searching CABA on STNext

- CABA appears in the following clusters, for easy multifile searching:
 - AGRICULTURE, ALLBIB, AUTHORS, BIOSCIENCE, CASRNS, CHEMISTRY, CORPSOURCE, ENVIRONMENT, FOOD, FORMULATIONS, TOXICOLOGY
- Alerts (SDIs) are available on a weekly or monthly basis in CABA

Additional Resources

- CABA user documentation from STN International
 - <https://www.stn-international.com/en/database-summary-sheets/CABA>
- Numeric Property Searching documentation
 - <https://www.stn-international.com/training-center/recorded-e-seminars/numeric-property-searching-stnext-case-studies-dwpi>

Questions? Feedback?



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international.de

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