



CABI Training Materials

Nutrition and Food Sciences Database (NFSD) User Guide

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Introduction

Nutrition and Food Sciences is a specialist internet resource that gathers together research, reviews and news on nutrition and the food sciences in an easily searchable database. It covers the whole food chain from the raw ingredients to the physiological and health effects of nutrients. Key subject areas include public health, clinical nutrition, nutrition physiology, food safety, food security, consumer behaviour, food science and technology and food product groups such as functional foods. Coverage includes:

- General nutrition & diet
- Clinical nutrition
- Physiology & animal models
- Food processing & technology
- Food science
- Food safety & storage
- Food law & economics

For a detailed list of subjects covered in the database visit our [‘About’ page](#).

The Nutrition and Food Sciences Database includes the following information materials:

Abstracts records: Indexed records from the CAB Direct database relating to Food Sciences and Nutrition

Full text articles: Access to the scholarly articles hosted on the CAB Direct database

CAB Reviews: Comprehensive overviews and detailed reviews of the latest research commissioned by CABI

News Articles: The latest news on developments in Nutrition and Food Sciences written by subject experts. With references for further reading

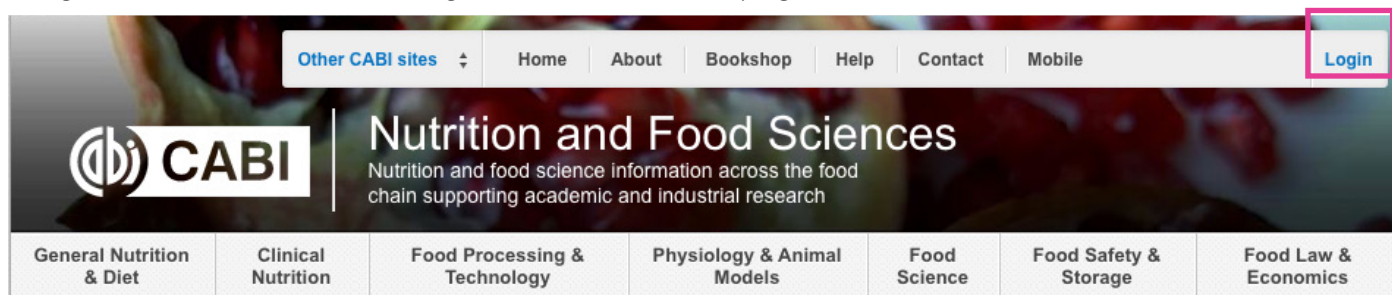
Events: A calendar of relevant international conferences for scientific communities and industries in Food Sciences and Nutrition

Datasheets: Selected nutrition datasheets from CABI’s Animal Health and Production Compendium. Compiled by experts, datasheets provide encyclopaedic reference material for specific subject topics. They contain detailed information on food safety and quality of livestock and poultry products throughout the food supply chain

Accessing NFSD

Nutrition and Food Sciences Database is a web-based interface. To access the site visit www.cabi.org/nutrition

To sign in to the NFSD click on the ‘Login’ button found at the top right of the site, as shown below:



There are two ways to login to the database depending on the access options your account has:

A screenshot of the login interface. It shows a 'Manage Access' header with a close button. Below it, there are two main login options. The first option, 'Log in via email/username', is highlighted with a pink box and contains fields for 'Email or username' and 'Password', a 'Forgot password?' link, and 'Log in' and 'Register' buttons. The second option, 'Log in via your institution', is also highlighted with a pink box and includes a 'Redeem a voucher' link with a right arrow.

Personal credentials

IP address recognition

By personal credentials:

If you requested access to the site by a username and password please enter this in to the login box situated in the top right-hand corner of the webpage.

By IP Address:

If your institution has a subscription to NFSD and you are accessing through your institutions network, the NFSD platform will recognise your IP address as a registered user and automatically log you on to the site. If you aren't automatically recognised select 'Log in via your institution' on the login box.

Navigating the interface

The NFSD interface has been designed to enable quick and comprehensive content searches. Below is an image of the homepage and the various features displayed.

The screenshot shows the NFSD homepage with various features highlighted by pink lines and labels:

- Site menu:** Located at the top, it includes links for Other CABI sites, Home, About, Bookshop, Help, Contact, Mobile, and Login.
- Topic pages:** A horizontal menu below the site menu with categories: General Nutrition & Diet, Clinical Nutrition, Food Processing & Technology, Physiology & Animal Models, Food Science, Food Safety & Storage, and Food Law & Economics.
- Search bar:** A green section with the heading "Search Nutrition and Food Sciences" and "Smart searches". It includes a text input field for "Enter keyword or phrase", a "Search within topic" dropdown, a "Filter by type" dropdown, and a "Search" button. Below the search bar is a link to "Advanced Bibliographic Search".
- Latest news:** A section featuring a large image of colorful gummy candies with the headline "US populations consuming less sugar, more sweeteners". To the right, there are smaller images and headlines: "Diets in Amazon becoming less diverse" and "US consumers bewildered by wholegrain labels".
- My CABI account:** A section with a green header. It includes options to "Create and export short lists" (with a sub-link "Create bibliography"), "Save Content" (with a sub-link "Articles, books, reviews and more..."), and "Save Searches" (with a sub-link "Monitor the latest content").
- Subscribe:** A section with a green header titled "Subscribe to Nutrition and Food Sciences Database". It describes the database as a focussed resource for researchers. Below, it mentions "Nutritional myths abound in the media and on the internet" and provides contact information for the Sales Team at sales@cabi.org.
- Content types available:** A section with a green header titled "Content types". It lists various content types: Abstract, CAB Review, CABI Book Chapter Info, CABI Hosted Full Text, Datasheet, Event, Evidence Based Research, and News Article.
- Events calendar:** A section with a green header titled "Events calendar". It shows a calendar for September 2020, with dates from 30 to 10. The 27th is highlighted in green.
- Useful links:** A section with a green header titled "Nutrition and Food Links". It includes a link to "Useful links to institutions working in food and nutrition".
- Latest indexed articles:** A section with a green header titled "Latest content". It includes a "Recent" button and a "Full text" button. Below, it lists several articles, including "Food quality and texture in sustainable production and healthy consumption. E-conference" (18 - 19 November 2020 - Online), "Berry compound could soothe IBD", and "Kinetic and structural characterization of whey protein aggregation in a millifluidic continuous process". Each article entry includes details like venue, URL, date, author(s), publisher, and publication.

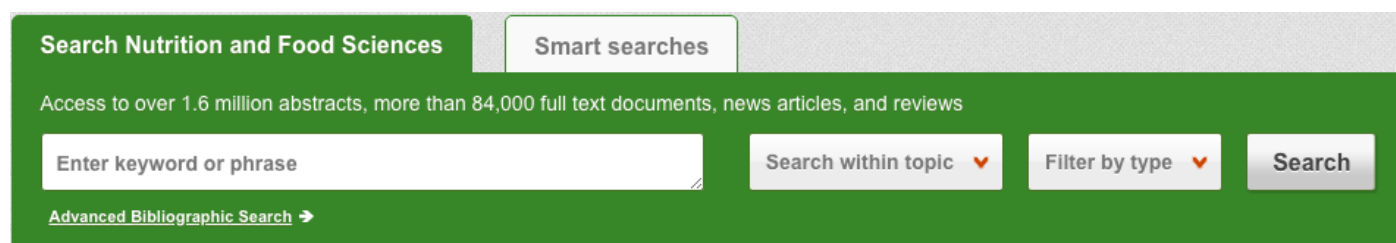
Simple site searches

NFSD offers a simple site search using a variety of basic search techniques to search content across the whole of the site such as Boolean operators and Phrase searching. These search techniques can be found in the [search techniques reference table](#).

Conducting general site searches

A general site search conducts a search across all the various types of content and topics available in NFSD. It will return a broad range of search results that will include all material types from all subject areas. It can be a useful place to begin a search.

To conduct a general site search, enter your keyword or phrase in the box located in the search bar of the home page and click the 'Search' button:

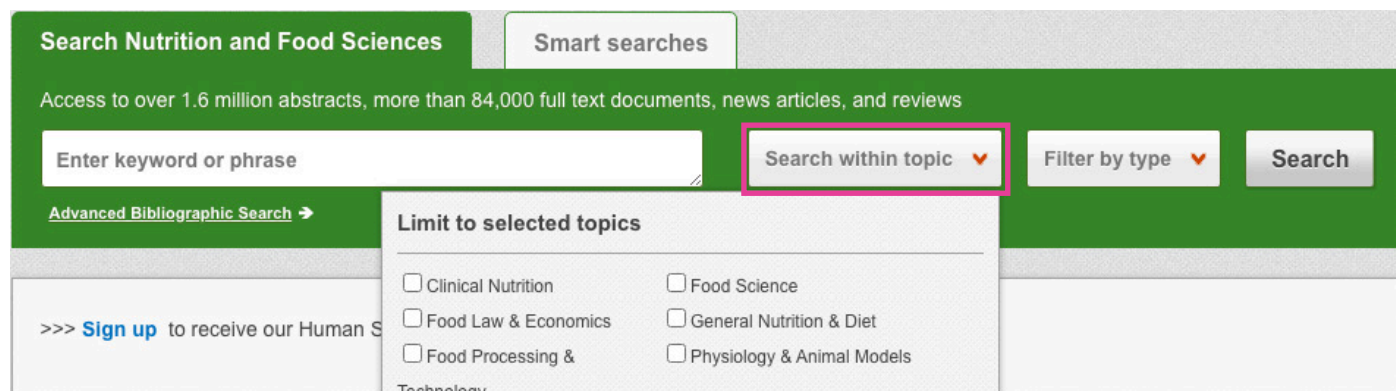


The screenshot shows the top of the NFSD website. On the left, a green button reads 'Search Nutrition and Food Sciences'. To its right is a grey button labeled 'Smart searches'. Below these buttons, a green banner states: 'Access to over 1.6 million abstracts, more than 84,000 full text documents, news articles, and reviews'. The main search area features a white input box with the placeholder text 'Enter keyword or phrase'. To the right of this box are two dropdown menus: 'Search within topic' and 'Filter by type', both with red downward arrows. Further right is a grey 'Search' button. At the bottom left of the search bar, there is a link: 'Advanced Bibliographic Search →'.

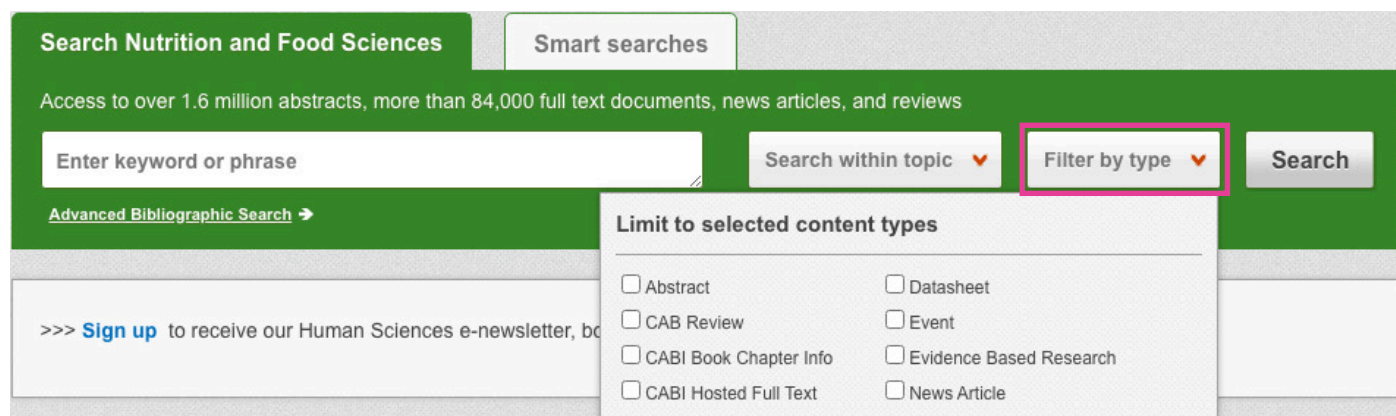
Conducting filtered site searches

A filtered site search can be used to limit a search to specific subjects or types of content on the NFSD site. This will return a narrower range of search results and is particularly useful if you are trying to limit searches to particular areas or material types. You can limit the searches using a single filter or both simultaneously.

To conduct a filtered site search, enter your terms in to the box located in the search bar of the home page. Click on the filter options to the right of the search box and select the categories you would like to limit the search to. The checkbox indicates which categories have been selected. The image below shows the examples for both the subject and content filters:



This screenshot shows the search bar with the 'Search within topic' dropdown menu open. The dropdown menu is titled 'Limit to selected topics' and contains a list of topics with checkboxes: 'Clinical Nutrition', 'Food Law & Economics', 'Food Processing & Technology', 'Food Science', 'General Nutrition & Diet', and 'Physiology & Animal Models'. The 'Search within topic' button in the main search bar is highlighted with a pink rectangle. The 'Filter by type' button and the 'Search' button are also visible to the right.



This screenshot shows the search bar with the 'Filter by type' dropdown menu open. The dropdown menu is titled 'Limit to selected content types' and contains a list of content types with checkboxes: 'Abstract', 'CAB Review', 'CABI Book Chapter Info', 'CABI Hosted Full Text', 'Datasheet', 'Event', 'Evidence Based Research', and 'News Article'. The 'Filter by type' button in the main search bar is highlighted with a pink rectangle. The 'Search within topic' button and the 'Search' button are also visible to the right.

Viewing search results

The returned results will be displayed on the search results page as shown below. The figure below the search box indicates the number of returned results from your search string query. Below this will show any filtered categories that were selected for the search. To remove the filters simply click the X next to the filtered term. The search results are displayed in the box below and can be ordered by most recently indexed or relevance, using the 'Sort Order' box on the right-hand side. At the top and bottom of the search results screen there are also options to vary the number of records displayed on the current page.

Search Nutrition and Food Sciences Smart searches

Access to over 1.6 million abstracts, more than 84,000 full text documents, news articles, and reviews

aspartame Search within topic Filter by type Search

Advanced Bibliographic Search

>>> Sign up to receive our Human Sciences e-newsletter, book alerts, and offers <<<

Number of records: 66 results found

Type: CABI Hosted Full Text

1 2 3 4 5 6 7 Results per page: 10

Search results Results

Abstract Full Text

Uncertainty evaluation for determination of aspartame in canned fruits by high performance liquid chromatography.

Objective: To evaluate the uncertainty of the determination of aspartame content in canned fruits by high performance liquid chromatography (HPLC). Methods: According to GB 5009.263-2016 *National food safety standard-Determination of aspartame and alitream in food*, the content of aspartame in...

Refine Results

Sort Order

Relevance
Date (Recent First)
Date (Oldest First)
Alphabetical (A to Z)

Author

European Food Safety Authority (4)
Abbas, F. M. (2)
Çopur, Ö. U. (2)
EFSA Panel on Food Additives and Nutrient Sources Added to Food (2)
El-Bagoury, E. H. (2)
MORE RESULTS...

Geographical Location

The below is an example of an article header from the returned results. You can see the resource type, the article title, the leading sentence of the article abstract and further bibliographic information for the record. If the full text article is available, a button is displayed which gives access to the full text article.

Mark: All / None

Record type: Abstract Full Text

Record title: ☆ Uncertainty evaluation for determination of aspartame in canned fruits by high performance liquid chromatography.

Abstract introduction: Objective: To evaluate the uncertainty of the determination of aspartame content in canned fruits by high performance liquid chromatography (HPLC). Methods: According to GB 5009.263-2016 *National food safety standard-Determination of aspartame and alitream in food*, the content of aspartame in...

Bibliographic information:

Author(s) Wang SaiNan
Publisher Journal of Food Safety and Quality, Beijing, China
Citation Journal of Food Safety and Quality, 2019, 10, 3, pp 734-739

View full text article

When clicked, the article title will take you to the record page listing the full bibliographic details of the record, as shown below.

Next: [Protective role of alpha lipoic acid against the deleterious effects... >>](#)
[Return to Search Results](#)

Abstract

Uncertainty evaluation for determination of aspartame in canned fruits by high performance liquid chromatography.

View full text article →

Abstract

Objective: To evaluate the uncertainty of the determination of aspartame content in canned fruits by high performance liquid chromatography (HPLC). Methods: According to GB 5009.263-2016 *National food safety standard-Determination of aspartame and alitream in food*, the content of aspartame in canned fruits was detected. According to JJF 1059.1-2012 *Evaluation and expression of measurement uncertainty*, a mathematical model for the uncertainty of determination of aspartame in canned fruits by HPLC was established. The source of each component of uncertainty was analyzed and quantified, and the uncertainty of determination of aspartame content in canned fruits was finally synthesized. Results: When the aspartame content was 0.0926 g/kg, the extended uncertainty was 0.00282 g/kg ($k=2$) under the 95% confidence interval. Conclusion: The evaluation Results: show that the uncertainties of the experiment are mainly derived from the preparation of standard solution, standard curve fitting process, sample constant volume and the repeatability measurement.

View full text article →

Next: [Protective role of alpha lipoic acid against the deleterious effects... >>](#)
[Return to Search Results](#)

[^ Top of page](#)

Abstract details

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[artificial sweeteners](#)
[aspartame](#)
[canned fruit](#)
[canned products](#)
[chromatography](#)
[composition](#)
[estimation](#)
[evaluation](#)
[food](#)
[food safety](#)
[foods](#)
[fruit](#)
[fruits](#)
[liquid chromatography](#)
[mathematical models](#)
[repeatability](#)

Bibliographic information

Metadata

As well as the full abstract, the page will also include the full bibliographic information and indexing keywords that were assigned to the record during the indexing process. This can be found under the 'Abstract details' panel on the right of the page.

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All these terms are hyperlinks which will take you directly to a search result for that term. The example below shows a section of the Abstract details pane. In this example we have clicked on the author name on the right-hand side. This has performed a site search which has returned all records this author has contributed to.

The screenshot shows the 'Abstract details' pane on the left, listing authors: Gao TianLanXing, Wang SaiNan (highlighted with a pink box), and Zhi WenLi. A pink arrow points from this box to the search bar in the main interface, which contains the text 'author:"Wang SaiNan"'. The main interface shows '7 results found' and a list of search results. The first result is titled 'Uncertainty evaluation for determination of benzoic acid in pickled vegetables by high performance liquid chromatography'. The 'Refine Results' pane on the right shows 'Sort Order' (Relevance, Date (Recent First), Date (Oldest First), Alphabetical (A to Z)) and 'Author' (Gao TianLanXing (3), Gao, T. L. X. (3), Zhi WenLi (3), Zhi, W. L. (3), Chen XinXin (1), MORE RESULTS...). The 'Geographical Location' pane shows 'China (2)' and 'Henan (1)'.

Smart Searches

To help you search for literature in common or key topics of interest, our subject experts have created predefined search strings. These have been created using complex search techniques such as field tags and multiple Boolean operators to return the most relevant results. To access these, click on the 'Smart searches' tab above the search bar as shown below:

The screenshot shows the 'Smart searches' tab selected in the top navigation bar. Below the tab, a message states: 'Nutrition and Food Sciences smart searches are based on commonly researched topics, and your own requests'. A button labeled 'Request a search' with a right arrow is visible. Below this, a grid of 15 predefined search topics is displayed:

Appetite and satiety	Functional proteins and peptides	Salt and blood pressure
Chitosan and food preservation	High fructose corn syrup and obesity	School food
Dairy processing	Malnutrition	Sensory analysis of food
Fat taxes	Meat safety and hygiene	Sugar substitutes and replacers
Food aid	Nanotechnology	Systematic reviews and metaanalyses
Food and mood	Nutrition in the elderly	Vitamin D and autoimmune diseases
Food fortification in preschool children	Physiology of taste	Wine and beer production
Food labelling claims	Probiotics and immunity	
Food Traceability	Salmonella in food	

This will show you a list of smart searches that are available. To conduct the smart search, click on the topic of your choice. The screenshot below shows you the results for the smart search “Food aid”.

The screenshot displays the CABI Search Nutrition and Food Sciences interface. At the top, there's a green header with 'Search Nutrition and Food Sciences' and 'Smart searches' tabs. Below this, a search bar contains the query: ("food aid" OR "emergency feeding" OR "food programmes" OR "food distribution programmes"). To the right of the search bar are dropdown menus for 'Search within topic' and 'Filter by type', and a 'Search' button. Below the search bar, there's a link for 'Advanced Bibliographic Search'.

The main content area shows '6,618 results found'. Below this, there's a 'Search results' section with a 'Results' button. The results are displayed in a list format. The first result is titled 'The role of food science and technology in humanitarian response.' and includes a background paragraph and citation information. The second result is titled 'COVID-19 and international food assistance: policy proposals to keep food flowing.' and includes a paragraph about the impact of the COVID-19 pandemic on food assistance.

On the right side of the interface, there's a 'Refine Results' panel. This panel contains several sections for refining the search results:

- Sort Order:** Includes options for Relevance, Date (Recent First), Date (Oldest First), and Alphabetical (A to Z).
- Author:** Lists authors such as Pee, S. de (50), de Pee, S. (45), Clay, E. (36), Bloem, M. W. (33), and World Food Programme (33), with a 'MORE RESULTS...' link.
- Geographical Location:** Lists locations such as USA (1,421), Africa South of Sahara (838), Developing Countries (560), India (458), and Brazil (248), with a 'MORE RESULTS...' link.
- Item Type:** Lists item types such as Journal article (5,234), Conference paper (500), Miscellaneous (489), and Book chapter (217).

To narrow results further you can either use the 'Refine Results' panel to the right-hand side of the page, or add terms manually to the end of the predefined search string.

Advanced searching

Field searching

The search box for NFSD also allows you to conduct advanced field searching using the index field tags.

Field searching is a technique by which users can search for keyword terms in specific indexing fields. These indexing fields are used when adding a bibliographic record to CAB Direct e.g. Abstract title, author. Each indexing field has an associated field tag which can be used in conjunction with search keywords to return a more precise set of results.

Below is a list of the indexing fields and their associated tag:

Common search fields

Description	Field Tag
Abstract	ab
Author affiliation	aa
Descriptor	de
Organism Descriptor	od
Geographic Locator	gl
Broad term	up
Identifier	id
Publication source	do
Publisher	publisher
CABICODE	cc
Conference	ct
Language	la
Publication type	it
Year	yr
Record number	pa
DOI	oi
ISSN	sn
ISBN	bn

Additional search fields

Description	Field Tag
Additional Authors	ad
Author Affiliation	aa
CAS Registry Numbers	ry
Conference Dates	cd
Conference Title	ct
Corporate Author	ca
Country of Publication	cp
Descriptors	de
Digital Object Identifier	oi
Document Editors	ed
Document Title	do
Email	em
English Item Title	et
Non English Item Title	ft
Geographic Location	gl
Identifiers	id
ISBN	bn
ISSN	sn
Item Type	it
Language(s) of Summary	ls
Language(s) of Text	la
Location of Publisher	lp
Main Abstract	ab
Organism Descriptors	od
Pan Number	pa
Personal Author	au
Personal Author Variants	av
Publisher	pb
CABI Product Code	sc
Up-posted Descriptors	up
Web URL	ur
Year of Publication	yr

To conduct a field search type the associated field tag (must be lowercase) into the search box followed by a colon. Next enter your search term/s. Field searching can also be conducted using the variety of simple search techniques outlined previously such as multiple word searches and Boolean operators. Below show some examples:

Single word search: de: "protein"

Multiple word search: de: "protein efficiency ratio" OR PER

Searching with perentheses: de: ("protein efficiency ratio" OR PER) AND whey

Index Terms or “Descriptors”

If you are looking only for important papers on a particular subject, where you want a high level of relevance, you should restrict your search to one or more of the CABI indexing or ‘Descriptor’ fields. Every record on the database is indexed with terms that describe all the important concepts within a paper. The index terms may be added to one of five different indexing fields. The indexing fields that CABI uses are:

Fields	Tags	Description	Example
Organism Descriptor	od:	The Organism Descriptor field is used for animal and plant	od: "Ovis aries"
Geographic Location	gl:	Geographic Location field is used for country and other geographic names	gl: Germany
Descriptor	de:	The Descriptor field is used for all the “other” terms that are neither animal, plant nor geographic	de: "mass spectrometry"
Broad Term (Up-posted Term)	up:	The broad term is used to search for more general terms of a subject as defined in CAB Thesaurus	up: spectrometry
Identifier	id:	This field is used for non-preferred index terms	id: lipins

Please note: When searching the organism descriptor, all animals are indexed with their scientific names, except for common livestock species. However, plants are indexed with both their scientific and their common names

Super indexes

‘Super indexes’ allow users to search multiple indexes across related fields. They are useful tools for users if they are unsure which fields they need to specify when trying to conduct advanced field searching. They can be searched in the same way as other fields, as the super indexes have their own field tag associated to them. NFSD also has three super indexes.

The first two super indexes (shown in the table below) are used when searching bibliographic information relating to either the article title, or the article authors. The table shows the field tag, field indexes that are searched and an example of a search.

Super index name	Super index field tag	Fields searched	Search string example
Title	title:	English title Foreign title	Title: “sugar substitute”
Author	author:	Personal author Author variant Additional author Document editor Corporate author	Author: “Zollner”

The third super index is called the subject index. It is used when searching for the indexing terms or metadata assigned to each resource record. The table below shows the field tag, field indexes that are searched and an example of a search.

Super index name	Super index field tag	Fields searched	Search string example
Subject	subject:	Descriptor Geographic location Organism descriptor Identifier	Subject: sugar

CABICODES

In addition to adding index terms to a record, broad concepts are also “indexed” with a classification system known as CABICODES. The CABICODES are a hierarchical list of classification codes that divide the subject coverage of the CAB Direct database into 23 major sections. Each section then includes a series of codes that divides that subject into more specific topics. The codes are typically used for subjects that would be difficult to describe with keywords alone. Below are a selection of the CABICODES for food sciences and their associated topic areas.

For a full list of CABICODES and their topic areas, visit the [CABICODE list](#).

QQ000 Food Science and Food Products

QQ010 Milk and Dairy Produce

QQ020 Sugar and Sugar Products **QQ030** Meat Produce

QQ040 Eggs and Egg Products

QQ050 Crop Produce

QQ060 Aquatic Produce

QQ070 Other Produce

QQ100 Food Processing (General)

QQ110 Food Storage and Preservation

QQ111 Storage Problems and Pests of Food

QQ120 Microbial Technology in Food

Processing

QQ130 Food Additives

QQ200 Food Contamination, Residues and

Toxicology

QQ500 Food Composition and Quality

QQ600 Food Chemistry (New June 2002)

QQ700 Food Service (New June 2002)

The CABICODES can be searched just like any other field tag. Two field tags are assigned to the CABICODE field and these are described below. Please note, as with other field tags, CABICODES must be entered in lowercase.

Field tag	Definition	Example
cc:	Allows users to search the index of the alphanumerical assigned code e.g. QQ700	cc:UU700
cabicode:	Allows users to search both the alphanumerical assigned code index as above and the CABI code title index e.g. “food service”	cabicode:QQ700 or cabicode: “food service”

Topic pages

Topic pages enable you to focus your search on specific areas of Nutrition and Food Sciences Database. The topic page can be selected from the horizontal menu bar shown in the screen shot below. These topic pages are structured in a similar format as the homepage but only include content items that refer to the selected topic, such as Clinical Nutrition, in this example. Therefore, the news carousel and the latest content section on the Clinical Nutrition topic page will only show recent articles that refer to clinical nutrition. The green underline in the horizontal topic page menu and the page title indicate which topic page you are currently viewing.

The screenshot shows the Clinical Nutrition topic page. At the top, a horizontal menu bar contains seven categories: General Nutrition & Diet, Clinical Nutrition (highlighted with a green underline), Food Processing & Technology, Physiology & Animal Models, Food Science, Food Safety & Storage, and Food Law & Economics. Below the menu bar is a search bar with the text 'Search Nutrition and Food Sciences' and a 'Smart searches' button. A green banner below the search bar states 'Access to over 1.6 million abstracts, more than 84,000 full text documents, news articles, and reviews'. Below this is a search input field with the placeholder 'Enter keyword or phrase', a 'Search within topic' dropdown, a 'Filter by type' dropdown, and a 'Search' button. A link for 'Advanced Bibliographic Search' is also present. Below the search bar is a sign-up link: '>>> Sign up to receive our Human Sciences e-newsletter, book alerts, and offers <<<'. The main content area is titled 'Clinical Nutrition' and includes a description: 'Covering the role of nutrients in diseases including, obesity, cancer, heart disease, diabetes as well as malnutrition.' Below the title is a news carousel with three items: 'Trans fats may increase ovarian cancer risk' (with an image of chips), 'Keto diet for asthma?' (with an image of eggs), and 'Gut microbes could link salt and high blood pressure' (with an image of carrots). To the right of the carousel is a 'Refine Results' panel with sections for 'Sort Order' (Relevance, Date (Recent First), Date (Oldest First), Alphabetical (A to Z)), 'Author' (Wang, Y. (1,185), Zhang, Y. (1,114), Wang, J. (1,065), Li, Y. (1,031), Liu, Y. (986), MORE RESULTS...), 'Geographical Location' (USA (41,195), China (16,016), Africa South of Sahara (11,160), India (10,998), Nordic Countries (10,903), MORE RESULTS...), and 'Item Type' (Journal article (456,480), Conference paper (15,313), Book chapter (7,777), Journal issue (2,394), Book (2,065), MORE RESULTS...). Below the carousel is a 'Latest content' section with tabs for 'Recent' and 'Full text'. It shows a list of articles, with the first one being 'COVID-19 - associated dyslipidemia: implications for mechanism of impaired resolution and novel therapeutic approaches.' The page is annotated with labels: 'Topic page menu bar' points to the top menu; 'Topic page title' points to the 'Clinical Nutrition' title; 'Latest news showing topic content' points to the news carousel; 'Latest content for selected topic' points to the 'Latest content' section; and 'Refine Results panel' points to the right-hand panel.

Topic page menu bar

Topic page title

Latest news showing topic content

Latest content for selected topic

Refine Results panel

When conducting a search from a topic page, the relevant option is automatically selected from the topic filter section as shown below. This means that any search conducted from the topic page will limit searches to only content relating to that subject.

The screenshot shows the search filter section on the Clinical Nutrition topic page. It features a search bar with the text 'Search Nutrition and Food Sciences' and a 'Smart searches' button. Below the search bar is a search input field with the placeholder 'Enter keyword or phrase', a 'Search within topic' dropdown, a 'Filter by type' dropdown, and a 'Search' button. A link for 'Advanced Bibliographic Search' is also present. Below the search bar is a sign-up link: '>>> Sign up to receive our Human Sciences e-newsletter, book alerts, and offers <<<'. A 'Limit to selected topics' panel is open, showing a list of topics with checkboxes. The 'Clinical Nutrition' checkbox is checked, and the 'Food Science' checkbox is also checked. The other topics are unchecked: Food Law & Economics, General Nutrition & Diet, Food Processing & Technology, Physiology & Animal Models, and Food Safety & Storage. The panel is annotated with a label: 'Limit to selected topics'.

Limit to selected topics

Refine options

On the right-hand side of the topic page there is a 'Refine Results' panel. 'Sort Order' allows you to organise the display of the results alphabetically or by date or relevancy. The 'Refine Results' panel also allows users to refine content even further using the following index fields:

- Author
- Geographical Location
- Item Type
- Language
- Organisms
- Subject Topics

Author ^

[Wang, Y. \(1,185\)](#)
[Zhang, Y. \(1,114\)](#)
[Wang, J. \(1,065\)](#)
[Li, Y. \(1,031\)](#)
[Liu, Y. \(986\)](#)
+ MORE RESULTS...

Each field is listed in a separate box in the refine results pane. These can be collapsed by using the 'up arrow' in the field box header. Blue text indicates the keyword and the bracketed number indicates the number of records associated with it.

Clicking on a blue keyword conducts a search on that keyword, the associated field. For example, below we can see that by clicking on the author '**Wang, Y**' listed in the author field box, a filtered search is generated limiting results to that author. This is displayed in the filter display at the top of the results page.

1,185 results found

X Topic: Clinical Nutrition **X** Author: Wang, Y.

1 2 3 4 5 6 7 8 9 10

Results per page: 10 ▼

Search results

Results

Mark: [All](#) / [None](#)

Abstract

★ [Physical activity attenuates the association between the *IRS1* genotype and childhood obesity in Chinese children.](#)

Background and aims: The insulin receptor substrate 1 (*IRS1*) rs2943650 was found to be associated with obesity in adults, but the association has not been evaluated in children. The present study aimed to examine whether *IRS1* rs2943650 was associated with obesity in Chinese children and investigate ...

Author(s)	Song QiYing; Song JieYun; Li ChenXiong; Liu Zheng; Wang Yang; Qi Lu; Wang Yan; Wang HaiJun
Publisher	Elsevier Ltd, Oxford, UK
Citation	Nutrition, Metabolism and Cardiovascular Diseases , 2019, 29, 8, pp 793-801

My CABI

The My CABI feature improves search functionality for users allowing them to:

- Combine and save searches
- Save records
- Export citations
- Create Alerts

To gain the full functionality of My CABI and for the system to record and recall your searching activity you must be signed in. It is therefore recommended that you sign in to My CABI at the beginning of all your search sessions on NFSD.

Creating a My CABI account

Before you can access the features of My CABI you first need to create an account. Click on the 'My CABI' button in the top-right hand corner of the search box as shown below:

The screenshot shows the CABI Nutrition and Food Sciences website. At the top, there is a navigation bar with links: Other CABI sites, Home, About, Bookshop, Help, Contact, Mobile, and Account. Below this is the CABI logo and the text 'Nutrition and Food Sciences' with a subtitle 'Nutrition and food science information across the food chain supporting academic and industrial research'. A horizontal menu lists various topics: General Nutrition & Diet, Clinical Nutrition, Food Processing & Technology, Physiology & Animal Models, Food Science, Food Safety & Storage, and Food Law & Economics. Below the menu is a search bar with the text 'Search Nutrition and Food Sciences' and a 'Smart searches' button. To the right of the search bar is a red button labeled 'My CABI'. Below the search bar, there is a green banner with the text 'Access to over 1.6 million abstracts, more than 84,000 full text documents, news articles, and reviews'. Below the banner is a search form with a text input field labeled 'Enter keyword or phrase', a dropdown menu labeled 'Search within topic', a dropdown menu labeled 'Filter by type', and a 'Search' button. At the bottom left of the search form is a link 'Advanced Bibliographic Search'.

This will direct you to the sign-in page as shown below. The left-hand side of the page allows existing users to sign in. The right-hand side of the page allows new users to register for an account. Once registered, fill in your unique credentials to sign in.

The screenshot shows the 'Welcome to My CABI' page. At the top left is a 'Return' button. At the top right is a 'My CABI' button. The main heading is 'Welcome to My CABI'. Below the heading is a sub-heading 'Sign in or register a My CABI account to personalise your CABI experience and manage your saved searches and records.' The page is divided into two columns. The left column is titled 'Sign in to My CABI' and contains a form with fields for 'Email Address' and 'Password'. Below the 'Password' field is a 'Remember me' checkbox and a 'Signin' button. At the bottom of the left column is a link 'Forgotten password?'. The right column is titled 'Register for a My CABI Account' and contains a form with fields for 'Email address', 'Password', and 'Retype Password'. Below the 'Retype Password' field is a 'Create account' button.

The image below shows the My CABI page. At the top of the display box are different tabs to display the different types of search activities. By default, the display automatically shows your recent searches. To the left-hand side of the page there is also an option to sign out or change your account password. To permanently remove a search from your recent search display click on the remove button on the right.

The screenshot shows the 'My CABI' interface. At the top, there's a navigation bar with tabs for 'General Nutrition & Diet', 'Clinical Nutrition', 'Food Processing & Technology', 'Physiology & Animal Models', 'Food Science', 'Food Safety & Storage', and 'Food Law & Economics'. Below this, a 'Return' button is on the left, and a 'My CABI' button with a user icon is on the right. The main area has links for 'Sign out', 'Refresh', and 'Change password'. There are four tabs: 'Recent searches' (active), 'Saved searches', 'Saved records', and 'Selected records'. Below these tabs, there's a section for 'Combine Selected Searches' with radio buttons for 'OR (Expand)' (selected), 'AND (Include)', and 'NOT (Exclude)', followed by a 'Search' button. A table lists recent searches:

<input type="checkbox"/>	Select all	Results	Save search	Remove
<input type="checkbox"/>	<no query> Topics: Clinical Nutrition Refinements: Author="Wang, Y."	1,185	+	×
<input type="checkbox"/>	("food aid" OR "emergency feeding" OR "food programmes" OR "food distribution programmes")	6,618	+	×

Combining searches

Combined searches are a useful tool when compiling long and complex search strings which contain multiple Boolean operators and parentheses. To simplify the process and minimise the chance of input errors, this function allows the user to perform two or more separate searches and combine them with either the AND, OR and NOT Boolean operators.

In the example below, we can see in the recent search tab two relatively complex searches have recently been conducted. These two have been selected using the checkbox, and the AND Boolean operator has been chosen from the combined search options.

Any filters used during the searches as explained previously are displayed underneath the search string.

This screenshot is similar to the previous one but highlights specific features with pink boxes and labels. The 'Combine Selected Searches' section has a pink box around the 'OR (Expand)' radio button, with a label 'Combining search options' pointing to it. Below the table, there's a pink box around the first two rows, with a label 'Selected searches' pointing to it. The table shows:

<input type="checkbox"/>	Select all	Results	Remove
<input type="checkbox"/>	title: "sugar substitute"	129	×
<input type="checkbox"/>	byanna	9	×

Once your options have been selected perform the search by clicking the 'Search' button. This will conduct the search and direct you to the results page as shown below. You can see that the search string of the two combined searches is displayed in the search box. By combining this search with the AND operator we have limited the results further to only return 4 records.

Search Nutrition and Food Sciences Smart searches My CABI

Access to over 1.6 million abstracts, more than 84,000 full text documents, news articles, and reviews

(byanna) AND (title: "sugar substitute") Search within topic Filter by type Search

Advanced Bibliographic Search

>>> Sign up to receive our Human Sciences e-newsletter, book alerts, and offers <<<

4 results found

1 Results per page: 10

Search results

Mark: All / None

Abstract Full Text

☆ **Standardization of sweet orange and kokum blended RTS beverage using sugar substitutes.**

The investigation on standardization of sweet orange and kokum blended RTS beverage using sugar substitutes was carried out at the Processing laboratory in the Division of Post Harvest Technology, Indian Institute of Horticulture Research, Bengaluru from November, 2009 to June, 2010. Sweet orange...

Author(s) Byanna, C. N.; Gowda, I. N. D.
 Publisher Hind Agri-Horticultural Society, Muzaffarnagar, India
 Citation Asian Journal of Horticulture, 2013, 8, 1, pp 164-169

View full text article Save to My CABI

Abstract

Refine Results

Sort Order

- Relevance
- Date (Recent First)
- Date (Oldest First)
- Alphabetical (A to Z)

Author

Rao, V. K. (1)

Geographical Location

India (1)
Karnataka (1)

Organisms

Garcinia indica (1)
Punica granatum (1)

Subject Topics

ascorbic acid (3)
chemical composition (3)
Rutales (3)
stability (3)

Saving searches and creating alerts

For searches conducted on a regular basis, you can save searches for future reference in My CABI. To save a search visit the 'Recent searches' tab on My CABI and click on the save search button.

Return My CABI

Sign out Refresh Change password

Recent searches Saved searches Saved records Selected records

Combine Selected Searches ☒ OR (Expand) ☐ AND (Include) ☐ NOT (Exclude) Search

<input type="checkbox"/> Select all		Results	Save search	Remove
<input type="checkbox"/>	(byanna) AND (title: "sugar substitute")	4	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
<input type="checkbox"/>	("food aid" OR "emergency feeding" OR "food programmes" OR "food distribution programmes")	6,618	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

To view your saved searches click on the 'Saved searches' tab. This allows you to conduct a saved search by clicking on the blue search string displayed. For each saved search there is also an option to set up an RSS feed which automatically notifies you when new records relating to that search string are added to the NFSD site. These notifications can be viewed through RSS readers such as Microsoft Outlook and Feedly. To find out more about RSS and how to set up an account with an RSS reader [read more here](#). To set up an RSS feed for your search string click on the RSS feed button.

← Return My CABI

Sign out Refresh Change password

Recent searches Saved searches Saved records Selected records

Combine Selected Searches ☒ OR (Expand) ☐ AND (Include) ☐ NOT (Exclude) Search

<input type="checkbox"/> Select all	Results	RSS	Remove
<input type="checkbox"/> ("food aid" OR "emergency feeding" OR "food programmes" OR "food distribution programmes")	6,618		×

Saving and exporting records

My CABI also allows you to save individual article records for future reference and export these to reference management software to create your own bibliographies or reference lists. To save a record to the saved records repository you must first be signed into My CABI before conducting searches. When you have signed in and carried out a search, each record in the displayed results will have a 'Save to My CABI' button on the bottom right of the record. Click this button to save the record.

Search results Results

Mark: All / None

Abstract

☆ **Child-oriented marketing on cereal packaging: associations with sugar content and manufacturer pledge.**

Objective: To assess sugar content and child-oriented promotional features on packaging among cereals manufactured by companies with varying Children's Food and Beverage Advertising Initiative (CFBAI) participation. Design: Ready-to-eat dry cereals (n = 159) were purchased from southeastern US...

Author(s) Vaala, S. E.; Ritter, M. B.
Publisher Elsevier Inc., Philadelphia, USA
Citation Journal of Nutrition Education and Behavior, 2020, 52, 3, pp 215-223

To view your saved records, go to My CABI and click on the saved records tab. This will display the title of all saved records. To view a specific record, click on the title. Records can be removed individually by using the 'X' button. To delete multiple records select the checkboxes next to the records and click the 'Remove records' button as shown below.

Citations can also be exported to reference management software in an RIS file format. To export citations, select the records you would like to be included in the reference list using the checkboxes and click the 'Export citations' button as shown below. You can also email or print records.

← Return My CABI

Sign out Refresh Change password

Recent searches Saved searches Saved records Selected records

<input type="checkbox"/> Select all	Remove
<input type="checkbox"/> Standardisation of recipe for the preparation of nectar from sweet orange (<i>Citrus sinensis</i> Osbeck) var. sathgudi using sugar substitutes and its storage.	×
<input type="checkbox"/> Standardization of sweet orange and kokum blended RTS beverage using sugar substitutes.	×

Appendix A: Search techniques

Search technique	Example	Description	Function	Reason to use
Single word search	salt	Searches using a single word term	Returns a broad range of results for a particular word/topic	Provides a broad overview of a scientific area of interest
Boolean search	salt OR sodium	Searches using the operators AND, OR and NOT	Performs searches on multiple concepts that provides specific keyword searching for an area of interest that can include or exclude other concepts	Allows the user to conduct more controlled searching. Can be used to omit homophones
Phrase searching	salt AND "blood pressure"	Use quotation marks before and after a multiple word phrase	Returns results only containing the entire phrase	Narrows searching to records that only contain the whole phrase
Parentheses	(salt OR sodium) AND "blood pressure"	Searches using keywords, Boolean operators and parentheses.	Used for searches that contain multiple Boolean operators to define the correct search logic	Refines searches with Boolean operators further to provide limited search results
Truncation & wild cards	(salt* OR sodium) AND "blood pressure"	Uses the symbols * and ? in keyword search	Using the * returns results with different word stems for the root word Using the ? symbol allows users to specify unknown characters	The * allows users to broaden results to keywords with differing word stems e.g. pop* = popular, population, etc. The ? returns results using a keyword that may differ in spelling