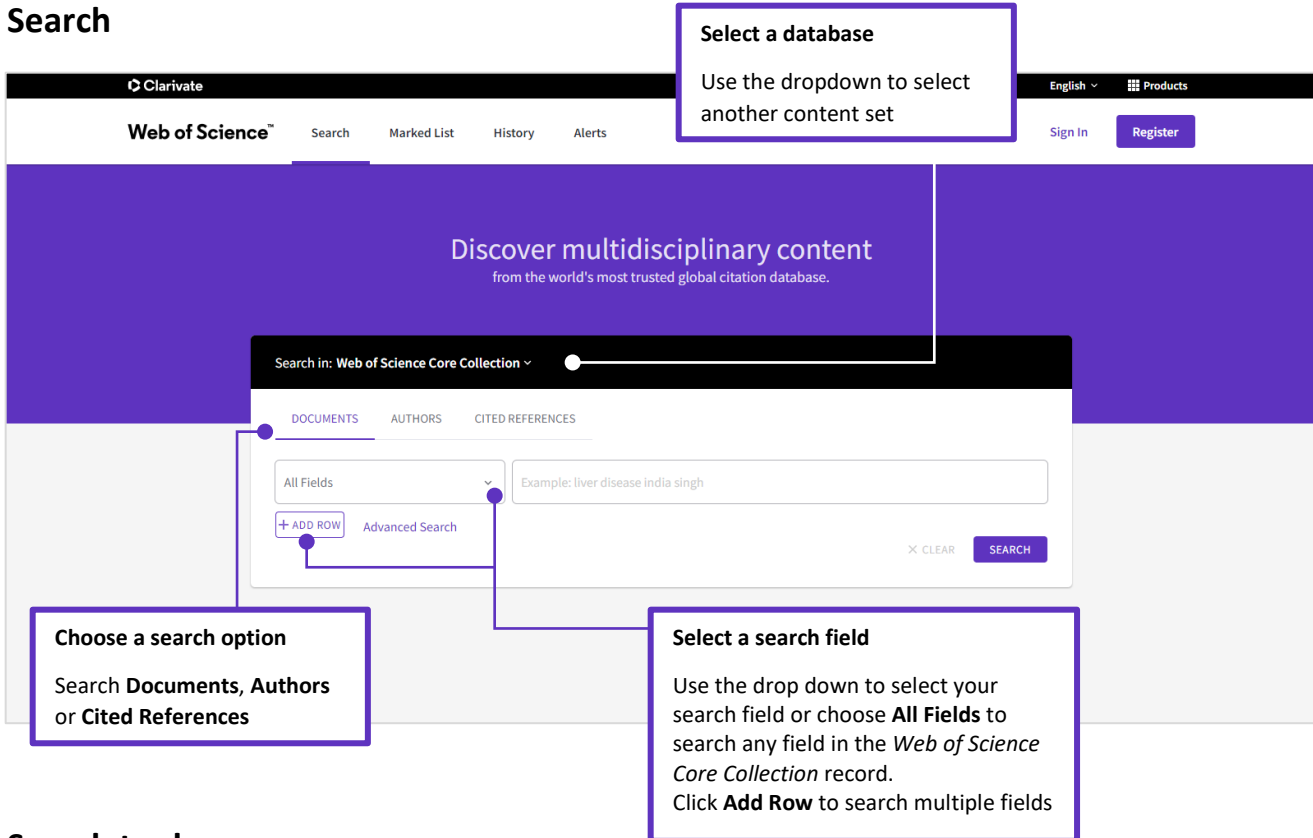


Search



Select a database
Use the dropdown to select another content set

Choose a search option
Search **Documents, Authors** or **Cited References**

Select a search field
Use the drop down to select your search field or choose **All Fields** to search any field in the *Web of Science Core Collection* record. Click **Add Row** to search multiple fields

The screenshot shows the search interface with a header bar containing the Clarivate logo, navigation links (Search, Marked List, History, Alerts), and user options (English, Products, Sign In, Register). The main content area features a search bar with a dropdown menu set to 'Web of Science Core Collection'. Below the search bar are tabs for 'DOCUMENTS', 'AUTHORS', and 'CITED REFERENCES'. A search input field contains the text 'Example: liver disease india singh'. To the left of the input field is a dropdown menu currently set to 'All Fields', with an 'ADD ROW' button below it. A 'SEARCH' button is located to the right of the input field, and a 'CLEAR' button is to its left.

Search tools

Search operators

Use **AND** to find records containing all of your search terms

Use **OR** to find records containing any of your search terms

Use **NOT** to exclude records containing certain words from your search

Use **NEAR/n** to find records containing all terms within a certain number of words (n) of each other (stress NEAR/3 sleep)

Use **SAME** in an Address search to find terms in the same line of the address (Tulane SAME Chem)

Wildcard characters

Use truncation for more control of the retrieval of plurals and variant spellings

* zero to many characters

? one character

\$ zero or one character

Phrase searching

To search exact phrases in Topic or Title searches, enclose a phrase in quotation marks. For example, the query "energy conservation" finds records containing the exact phrase energy conservation.

Search results

Create a search alert
Save this search as an alert to receive email notifications for newly added articles.

English Products
Sign In Register

Clarivate
Web of Science™ Search Marked List History Alerts

5,350 results from Web of Science Core Collection for:
Q probiotic* (Abstract)

ANALYZE RESULTS CITATION REPORT CREATE ALERT

Refined by: Document Types: Review Articles X Clear all
Copy query link

Refine results

Search within results for...

Quick Filters

- Highly Cited Papers 275
- Hot Papers 8
- Review Articles **New** 5,350
- Early Access 86
- Open Access 2,608
- Associated Data 8

Publication Years

- 2021 210
- 2020 960
- 2019 676
- 2018 554
- 2017 469

See all

0/5,350 ADD TO MARKED LIST EXPORT

Relevance < 1 of 107 >

- 1 Psychological comorbidity in gastrointestinal diseases: Update on the brain-gut-microbiome axis

Person_H and Keefer_L
Apr 20 2021 | Progress in Neuro-psychopharmacology & Biological Psychiatry

The high comorbidity of psychological disorders in both functional and organic gastrointestinal diseases suggests the intricate and complex link between the brain and the gut. Termed the brain-gut axis, this bidirectional communication between the central nervous system and enteric nervous system relies on immune, endocrine, neural, and metabol...

View full text
- 2 Gut microbiota-derived vitamins - underrated powers of a multipotent ally in psychiatric health and disease

Budzki_L, Stone_TW, (-); Szulc_A
Apr 20 2021 | Progress in Neuro-psychopharmacology & Biological Psychiatry

Despite the well-established roles of B-vitamins and their deficiencies in health and disease, there is growing evidence indicating a key role of those nutrients in functions of the central nervous system and in psychopathology. Clinical data indicate the substantial role of B-vitamins in various psychiatric disorders, including major depression, bipolar ...

286 References

View full text
- 3 Prebiotic manno oligosaccharides (MOS) are not manno oligosaccharides (MOS) are not

Jana_UK; Suryawanshi_RK; (-); K...

Apr 16 2021 | Food Chemistry

Functional oligosaccharides are not manno oligosaccharides (MOS) are not

View full text

Sort your results
By date, citations, usage and more. Relevance is the default.

Refine your results
Focus your search to find top Subject Categories, Publication years and more.

Citation Report Q probiotic* (Abstract)

Refined by: Document Types: Review Articles X Clear all

Export Full Report

Publications	Citing Articles	Times Cited	200
5,350	118,226 Total 113,737 Analyze Without self citations	225,954 Total 200,426 Without self citations	42.23 Average per item

Times Cited and Publications Over time

Publications Citations

Create a Citation Report
See a citation overview for any set of results with fewer than 10,000 records.

Article Record

Clarivate
English ▾ Products

Web of Science™ Search Marked List History Alerts
Sign In Register

OS-P-X
FULL TEXT AT PUBLISHER
FULL TEXT LINKS ▾

EXPORT ▾
ADD TO MARKED LIST

< 8 of 2,022 >

1 **Probiotic treatment induced change of inflammation related metabolites in IBS-D patients/double-blind, randomized, placebo-controlled trial**

By: Kim, J (Kim, Jinjoo)^{1, 2, 3}; Cho, K (Cho, Kumsun)⁴; Kim, JS (Kim, Joo Sung)^{1, 2}; Jung, HC (Jung, Hyun Chae)^{1, 2}; Kim, Bumsik⁵; Park, MS (Park, Myeong Soo)⁵; Ji, GE (Ji, Geun Eog)⁵; Cho, JY (Cho, Joo-Youn)⁴; Hong, KS (Hong, Kyoung Sup)⁸

6 [View Web of Science ResearcherID and ORCID \(provided by Clarivate\)](#)

FOOD SCIENCE AND BIOTECHNOLOGY
Volume: 29 **Issue:** 6 **Page:** 837-844
DOI: 10.1007/s10068-019-00717-2
Published: JUN 2020
Early Access: DEC 2019
Document Type: Article

2 **Abstract**
 There have been many studies suggesting that probiotics are effective in patients with diarrhea-predominant irritable bowel syndrome (IBS-D). However, its mechanism of action as well as prediction of response is still to be elucidated. In the present study, to find out metabolomic characteristics of probiotic effect in IBS-D, we compared IBS symptom changes and metabolomic characteristics in the subjects' urine samples between multi-strain probiotics (one strain of Lactobacillus sp. and four strains of Bifidobacterium sp.) group (n = 32) and placebo group (n = 31). After 8 weeks' administration (3 times/day), dissatisfaction in bowel habits and stool frequencies were significantly improved. Also, probiotics group had significantly changed seven metabolites including palmitic acid methyl ester (PAME) and 4,6-dihydroxyquinoline, 4-(2-aminophenyl)-2,4-dioxobutanoic acid (DOBA). According to IBS-SSS and IBS-QoL questionnaires, IBS-SSS responders showed higher PAME levels and IBS-QoL responders showed lower DOBA levels. This suggests potential role of these metabolites as a biomarker to predict probiotics effect in IBS-D patients.

3 **Keywords**
Author Keywords: Irritable bowel syndrome; Probiotics; Metabolomics
Keywords Plus: IRRITABLE-BOWEL-SYNDROME; MAST-CELLS; COLONIC-MUCOSA; GUT MICROBIOTA; DISEASE; PLASMA; PERMEABILITY; MECHANISMS; PROFILES; LINK

4 **Author Information**
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7 **Categories/Classification**
Research Areas: Food Science & Technology

8 **Funding**

Funding agency	Hide details Grant number
Clinical Research Institute of the Seoul National University Hospital	
Rural Development Administration (RDA)	
<i>Appeared in source as</i> "Cooperative Research Program for Agriculture Science & Technology Development", Rural Development Administration, Republic of Korea	PJ01123002

[View funding text](#)

[+ See more data fields](#)

10 **Citation Network**
 In Web of Science Core Collection

3 Citations
[Create citation alert](#)

All Citations
 3 In All Databases
[+ See more citations](#)

Cited References
44
[View Related Records](#)

Most Recently Cited by
 Cristofori, F; Dargenio, VN; Francavilla, R; et al.
 Anti-inflammatory and Immunomodulatory Effects of Probiotics in Gut Inflammation: A Door to the Body
 FRONTIERS IN IMMUNOLOGY
 Park, E; Kim, KT; Paik, HD; et al.
 In Vivo Evaluation of Immune-Enhancing Activity of Red Gamju Fermented by Probiotic Levilactobacillus brevis KU15154 in Mice
 FOODS
[See all](#)

12 **Use in Web of Science**
 Web of Science Usage Count

1 Last 180 Days
[Learn more](#)

11 Since 2013

This record is from:
 Web of Science Core Collection
 Science Citation Index Expanded

9 **Journal information**

Food Science And Biotechnology
ISSN: 1226-7708
eISSN: 2092-6456
Current Publisher: KOREAN SOCIETY FOOD SCIENCE & TECHNOLOGY-KOSFOT, #605, KOREA SCI TECHNOL CENT, 635-4 YEOKSAM-DONG, KANGNAM-GU, SEOUL 135-703, SOUTH KOREA
Journal Impact Factor: Journal Citation Report™
Research Areas: Food Science & Technology
Web of Science Categories: Food Science & Technology

1.513
Journal Impact Factor™ (2019)

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Fields included in a Topic Search

- 1 Title**

All titles are indexed as published. Foreign language titles are translated into US English.
- 2 Abstract**

All abstracts are indexed as provided by the journal (1991 to present).
- 3 Author Keywords**

Author Keywords are indexed from the original article and are searchable.
- 4 KeyWords Plus**

KeyWords Plus are words and phrases harvested from the titles of the cited articles.

Additional Fields

- 5 Author names**

All authors are indexed. Search using last names and initials (e.g. Garfield e).
- 6 Author identifiers**

Web of Science ResearcherIDs and ORCID IDs are searchable and displayed when available. Web of Science ResearcherIDs are associated with *Publons* profiles at publons.com. ORCID data is harvested from orcid.org.
- 7 Addresses and Affiliation names**

All author addresses are indexed and searchable. Affiliation names are unified and used to help identify institutions with complex names, or with many address variations.
- 8 Funding Information**

Funding agency, grant numbers, and the funding acknowledgement text is searchable (availability varies by index).
- 9 Journal Information**

Journal citation performance data is sourced from Journal Citation Reports. It includes the Web of Science subject category or categories where the journal is placed, as well as rank in category and quartile in category performance. The Journal Impact Factor is displayed for those users whose organization has an active subscription to Journal Citation Reports.
- 10 Citation Network**
 - Cited References
 - Times Cited Counts
 - Related Record Search
 - Citation Alerts

Times cited counts for the *Web of Science Core Collection* and the *Web of Science* platform (including *Web of Science Core Collection*, *Biosis Citation Index*, *Chinese Science Citation Database*, *Data Citation Index*, *Russian Science Citation Index* and *SciELO Citation Index*) are displayed on each record. Counts reflect all correct citations and are not limited by your subscription.
- 11 Cited References**

All cited references are indexed and searchable via Cited Reference Search. Click the "Cited References" link in the Citation Network to move to the cited reference view.
- 12 Usage Count**

See the number of full text click-throughs or bibliographic exports for this item in the last 180 days or since 2013.

Cited Reference Search

Step one

- Navigate to Cited Reference Search.
- Search by Cited Title, Cited Author, Cited Work, Cited Year, Volume, Issue, or Page.

Step two

Select the references, including variants, to include in your search, then click **See Results** to display your search results.

1 Search in: Web of Science Core Collection ▾

DOCUMENTS
AUTHORS
CITED REFERENCES

Cited Author ▾

anand k* ✕

⊖

And ▾

Cited Work ▾

science* ✕

⊖

And ▾

Cited Year(s) ▾

Example: 2013-2014

+ ADD ROW

✕ CLEAR
SEARCH

2

9 Cited References

Step 2: Select the cited references in this list that match the author(s) or work(s) you are interested in, then See Results.

0/9
EXPORT
SEE RESULTS
< 1 of 1 >

	Cited Author <small>Expand All</small>	Cited Work <small>Expand All</small>	Title	Year	Volume	Issue	Page	Identifier	Citing Articles
<input type="checkbox"/>	Anand, K; (...) Hilgenfeld, R <small>View All</small>	SCIENCE	Coronavirus main proteinase (3CL(pro)) structure: Basis for design of anti-SARS drugs	2003	300	5626	1763-1767	10.1126/science.1085658	753
<input type="checkbox"/>	ANAND K	SCIENCE		2003	13		13		1
<input type="checkbox"/>	ANAND K	SCIENCE		2003					3
<input type="checkbox"/>	ANAND K	SCIENCE 0513		2003				DOI 10.1126/SCIENCE.1085658	1
<input type="checkbox"/>	ANAND K	SCIENCE 1305		2003					1
<input type="checkbox"/>	ANAND K	SCIENCEEXPRESS		2003					1
<input type="checkbox"/>	ANAND K	SCIENCE		1000					1
<input type="checkbox"/>	ANAND KZ	SCIENCE 0513		2003					1
<input type="checkbox"/>	van Geen, A; (...); Singh, CA <small>View All</small>	SCI TOTAL ENVIRON	Field testing of over 30,000 wells for arsenic across 400 villages of the Punjab plains of Pakistan and India: Implications for prioritizing mitigation	2019	654		1358-1363	10.1016/j.scitotenv.2018.11.201	18

Cited reference search tips:

- Use wild card characters (see page 2) on Cited Authors and Cited Work.
- Look for variants (sometimes papers are cited incorrectly) before finishing your search.
- The “Citing Articles” count reflects citations from all years and all editions of the Web of Science Core Collection – even those years and editions you don’t subscribe to.
- All cited references are indexed and searchable, including references to books, patents, government documents, etc. Secondary cited authors, full source titles, and non-standard source abbreviations are automatically searched across all source records in the Web of Science. Keep in mind that a search of this sort may only return partial results.

Since 2012, all references to ‘non source’ items (books, newspaper items, etc.) are fully indexed (full list of authors, full title, etc.) as published. Click “Show Expanded Titles” to see the full reference information

Getting help



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