

HarvestPlus e-Library - Quick Start Guide

The [HarvestPlus e-Library](#) allows you to access biofortification-related literature and generate reports for some publications. Publications include: Journal Articles, Books and Book Chapters, Abstracts, Conference Papers, Proceedings, and HarvestPlus Institutional Publications (Abstracts, Technical Monographs and Working Papers)

Browse Publication List
Browse the entire collection of publications and see detailed information - including PDF if available

Create Reports
Select among four types of reports on HarvestPlus funded publications

Find what you need
Get the citation of Biofortification related publications

User Menu
Access the Quick Start Guide, Update your password (only Non-CG Users) and log out



Publications ▾

Reports ▾

Search ▾

hplus-support@cgiar.org ▾

Publications at a glance
Summary statistics on publication types

Welcome to the HarvestPlus e-Library

52

PUBLICATIONS IN 2017



1047 TOTAL PUBLICATIONS



148

Abstract

5

Book

47

Book Chapter

81

Conference Paper

48

Institutional Publications

718

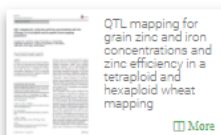
Journal Article

Latest Publications



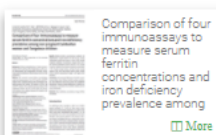
Biofortification Techniques to Improve Food Security

More



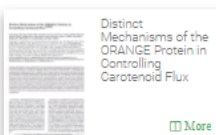
QTL mapping for grain zinc and iron concentrations and zinc efficiency in a tetraploid and hexaploid wheat mapping

More



Comparison of four immunoassays to measure serum ferritin concentrations and iron deficiency prevalence among

More



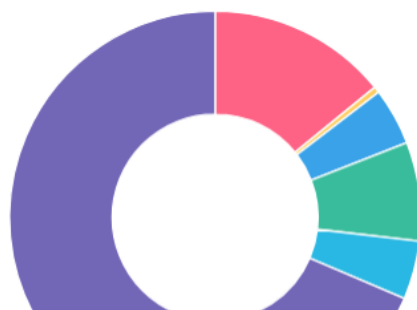
Distinct Mechanisms of the ORANGE Protein in Controlling Carotenoid Flux

More

See most recent publications
Get quick access to PDFs of recently uploaded publications and information about the publication

HarvestPlus Publications by Type

All

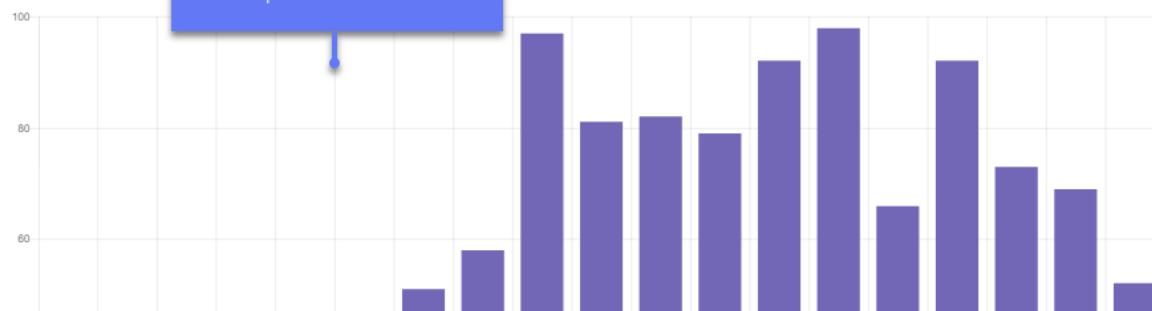


Abstract
Book
Book Chapter
Conference Paper
HarvestPlus Institut...
Journal Article

Dashboards

Live data visualization on HarvestPlus Publications by Type and Discipline

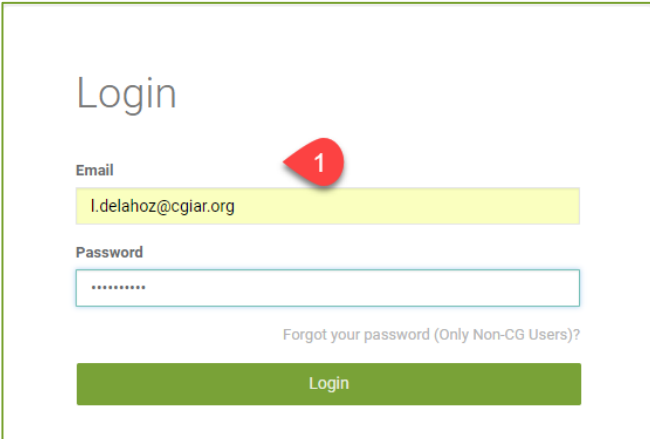
By Year



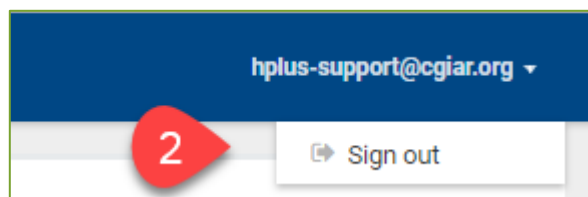
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Logging in & out

1. To enter the site, type your CG email address in the [login page](#). Users who do not have a CG email account will be assigned unique login credentials, which they will receive via email. You will be redirected to the main landing page.



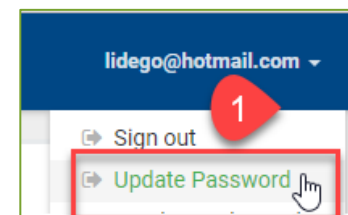
2. To log out, click the arrow next to your email address at the top left corner of the menu bar and then click [Sign out](#).



Non-CG Users Update Password

Non CG-Users may change their password after their first login.

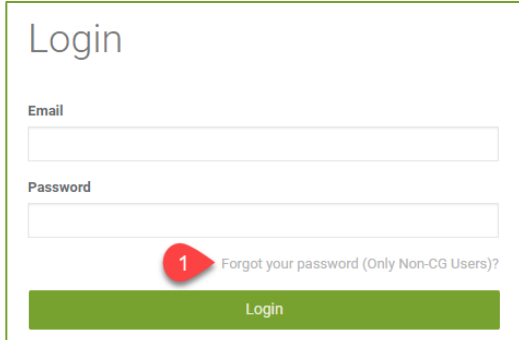
1. Select [Update Password](#) from the [User Menu](#).
2. In the [Password Update](#) page type in your [Current Password](#) and then the new one in the [New Password](#) and [Confirm New Password](#) boxes.



Non CG-Users Forgot Password

If Non CG-Users forget their password, they can request for a new one at the log in page.

1. Click the link [Forgot your password \(Only Non-CG Users\)?](#)
2. In the Password Reset page type your registered email address.
3. Click the Reset button to receive a new password via email.

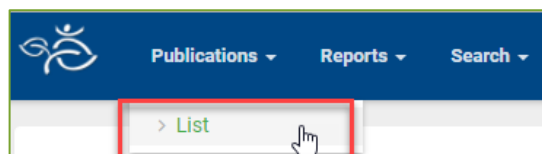


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Publications – List.

This feature allows you to browse and export to Excel the complete list of publications and gives access to their detailed information and PDF file when available.

To access the list of Publications, select **List** from the **Publications** menu.

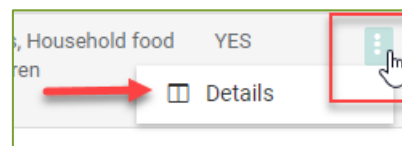


From this list you are able to:

1. Filter publications: use the boxes that appear below the column headers to filter the publications (you can filter info using more than one column to narrow the list of items to display).

Title	Year	Type of Publication	Authors
<input type="text" value="vitamin A"/>	<input type="text"/>	<input type="text" value="Abstract"/>	<input type="text"/>
Impact of provitamin A biofortified maize consumption on carotenoid status of Zambian children	2017	Abstract	Craft, NE; Palmer, A; Chileshe, J; Barffol; Klemm, W; West, K
Application of a High-Performance Liquid Chromatography Method for the Evaluation of Non-Provitamin A Carotenoids	2017	Abstract	Titcomb, TJ; Davis, SA
¹³ C Natural Abundance of Serum Retinol is a Novel Biomarker for Evaluating Effectiveness of Provitamin A Biofortified Maize and Carrots in Male Mongolian Gerbils	2016	Abstract	Gannon, BM; Pung Davis, CR; Simon, R; Tanumihardjo, SA
Serum bone-building metabolites are enhanced by a restricted vitamin A intervention in Zambian children with high liver reserves of vitamin A	2016	Abstract	Olsen, KE; Binkley, Tanumihardjo, SA

2. See detailed information for each Publication by clicking the ellipsis menu (three dots) at the end of each row.



Publication Type
Journal Article

Title
Monthly food insecurity assessment in rural mkushi district, Zambia: a longitudinal analysis

Year
2017

Authors
Na, M; Caswell, BL; Talegawkar, SA; Palmer, A

Journal
BMC Public Health

Discipline
Nutrition

KeyWords
Zambia, Longitudinal monitoring, Dietary energy intakes, Household food insecurity (HFI), Food Access Survey Tool (FAST), Children

Funded By HarvesPlus
YES

Volume
17

Issue
260

Link HarvestPlus
https://harvestplusportal.ciat.cgiar.org/Publications/Na_eta_2017_BMC_ZambiaFoodInsecurity.pdf

DOI
<http://dx.doi.org/10.1186/s12889-017-4176-0>

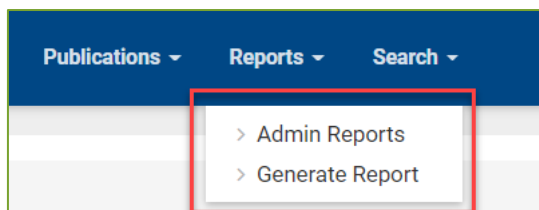


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3. Order the list by clicking the column name.

Title	Year	Type of Publication	Authors
Impact of provitamin A biofortified maize consumption on carotenoid status of Zambian children	2017	Abstract	Craft, NE; Palmer, A; Schulze, K; Chileshe, J; Barffour, M; Siamusantu, W; Klemm, W; West, K
High-density lipoprotein cholesterol concentrations and particle size are modified by dietary zinc in men	2017	Abstract	Shenvi, S; Chen, K; Kim, E; Zyba, S; King, S; Shigenaga, M; Killilea, D; Holland, T

Report.



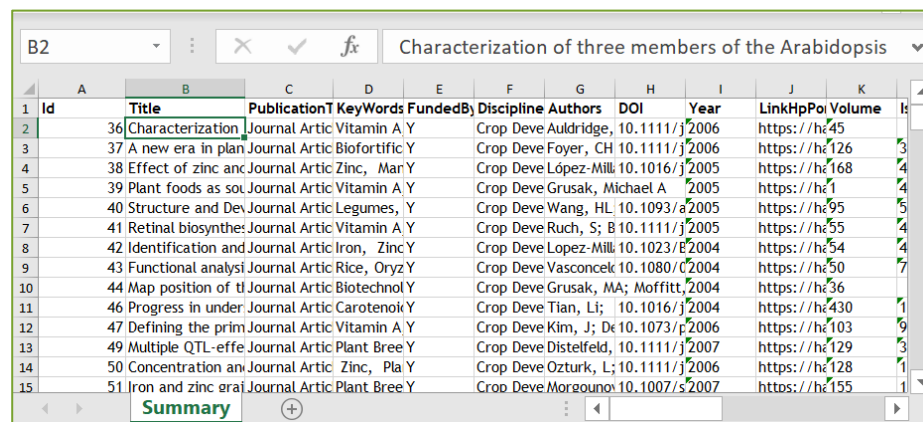
Admin Reports: this module allows administrators create a list of all publications saved in the database. To generate the report:

1. Click Admin Reports.
2. Click Download to save the Excel file in your device.

Admin Reports

Oracle Report

Download



Id	Title	Publication Title	Keywords	Funded By	Discipline	Authors	DOI	Year	Link	Volume
36	Characterization of three members of the Arabidopsis	Journal Article	Vitamin A	Y	Crop Deve	Auldridge, 10.1111/j	2006	https://h	45	3
37	A new era in plant biofortification	Journal Article	Biofortific	Y	Crop Deve	Foyer, CH 10.1111/j	2006	https://h	126	3
38	Effect of zinc and iron on the growth and yield of maize	Journal Article	Zinc, Mar	Y	Crop Deve	López-Mill, 10.1016/j	2005	https://h	168	4
39	Plant foods as sources of iron and zinc	Journal Article	Vitamin A	Y	Crop Deve	Grusak, Michael A	2005	https://h	1	4
40	Structure and function of the iron-regulated protein	Journal Article	Legumes, Y	Y	Crop Deve	Wang, HL 10.1093/a	2005	https://h	95	5
41	Retinal biosynthesis of vitamin A	Journal Article	Vitamin A	Y	Crop Deve	Ruch, S; B 10.1111/j	2005	https://h	55	4
42	Identification and characterization of the iron-regulated protein	Journal Article	Iron, Zinc	Y	Crop Deve	López-Mill, 10.1023/B	2004	https://h	54	4
43	Functional analysis of the iron-regulated protein	Journal Article	Rice, Oryz	Y	Crop Deve	Vasconcel, 10.1080/C	2004	https://h	50	7
44	Map position of the iron-regulated protein	Journal Article	Biotechnol	Y	Crop Deve	Grusak, MA; Moffitt,	2004	https://h	36	1
46	Progress in understanding the iron-regulated protein	Journal Article	Carotenoid	Y	Crop Deve	Tian, Li; 10.1016/j	2004	https://h	430	1
47	Defining the primary structure of the iron-regulated protein	Journal Article	Vitamin A	Y	Crop Deve	Kim, J; De 10.1073/p	2006	https://h	103	9
49	Multiple QTL effects on iron and zinc concentrations in maize	Journal Article	Plant Bre	Y	Crop Deve	Distelfeld, 10.1111/j	2007	https://h	129	3
50	Concentration and bioavailability of iron and zinc in maize	Journal Article	Zinc, Pla	Y	Crop Deve	Ozturk, L; 10.1111/j	2006	https://h	128	1
51	Iron and zinc concentrations in maize	Journal Article	Plant Bre	Y	Crop Deve	Moradpour, 10.1007/s	2007	https://h	155	1

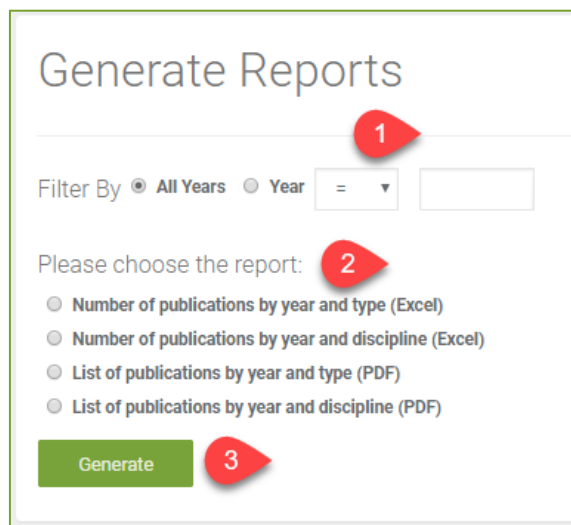
Generate Reports: this module allows all staff generate the following reports:

1. Number of publications by year and type (Excel).
 2. Number of publications by year and discipline (Excel).
 3. List of publications by year and type (PDF).
 4. List of publications by year and discipline (PDF).
- Note that all reports only account for HarvestPlus funded publications.

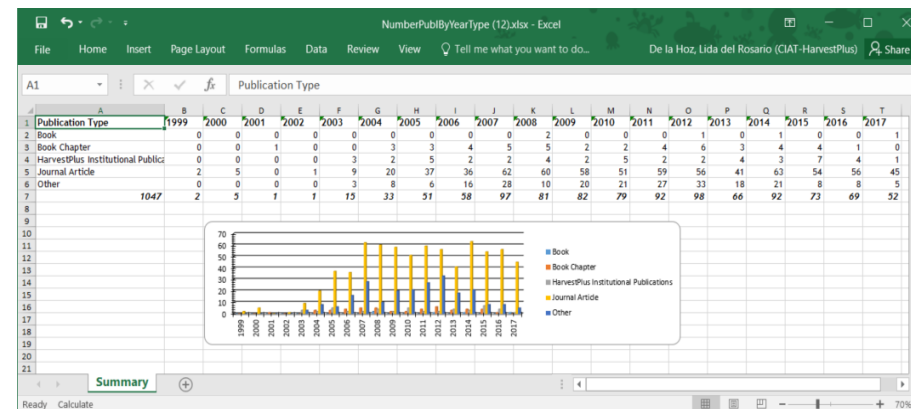
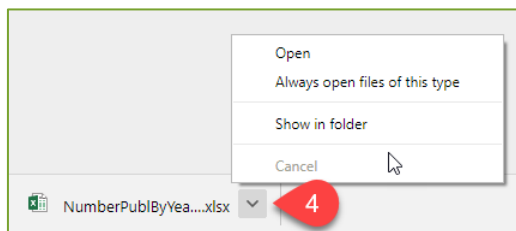
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To generate a report:

1. Specify the **Year** or select **All Years** if you do not want to specify one.
2. Select the Report type.
3. Click the **Generate** button.

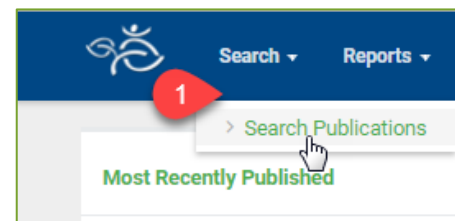




4. The report is downloaded to your device.



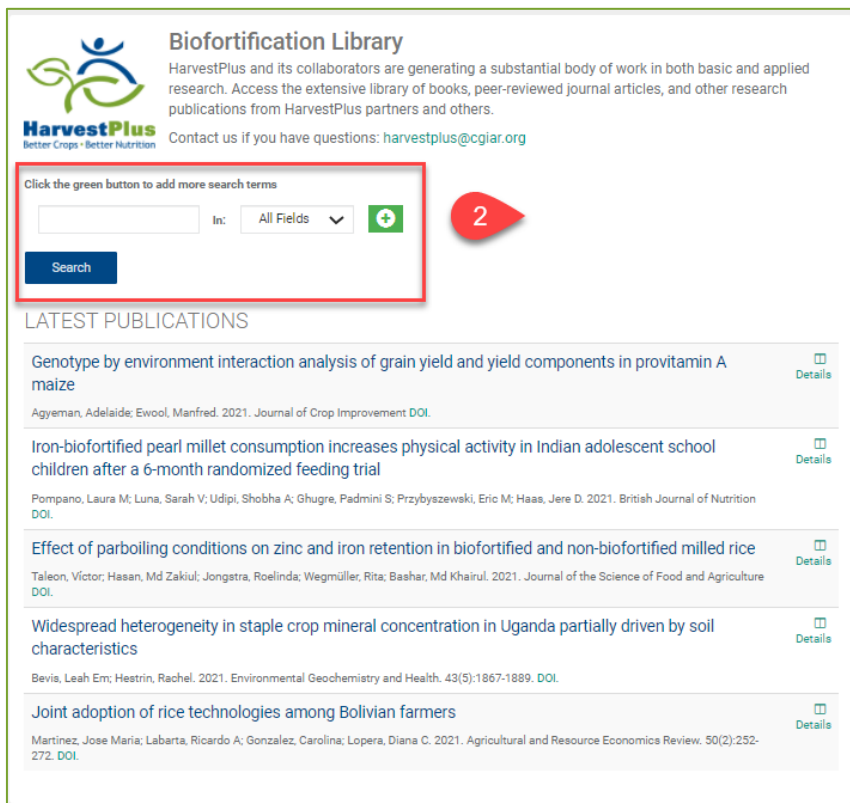
Search for Publications.

1. From the menu, click **Search** and then **Search Publications**.



2. Begin your search by typing the term you would like to find in the search box. Click the plus button  to add up to three terms to get more accurate results or remove them by clicking the minus button .

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Click the green button to add more search terms

In: All Fields +

Search

LATEST PUBLICATIONS

Genotype by environment interaction analysis of grain yield and yield components in provitamin A maize Details
Agyeman, Adelaide; Ewool, Manfred. 2021. Journal of Crop Improvement DOI.

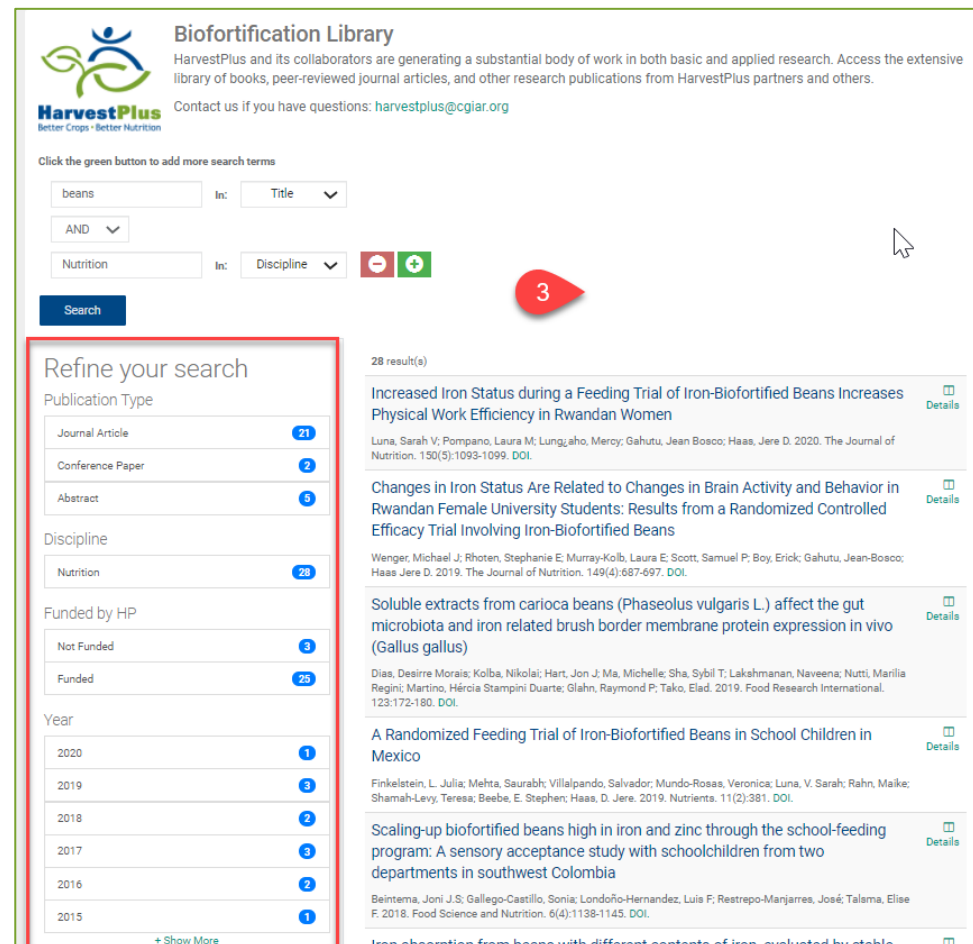
Iron-biofortified pearl millet consumption increases physical activity in Indian adolescent school children after a 6-month randomized feeding trial Details
Pompano, Laura M; Luna, Sarah V; Udipi, Shobha A; Ghugre, Padmini S; Przybyszewski, Eric M; Haas, Jere D. 2021. British Journal of Nutrition DOI.

Effect of parboiling conditions on zinc and iron retention in biofortified and non-biofortified milled rice Details
Taleon, Victor; Hasan, Md Zakuiul; Jongstra, Roelinda; Wegmüller, Rita; Bashir, Md Khairul. 2021. Journal of the Science of Food and Agriculture DOI.

Widespread heterogeneity in staple crop mineral concentration in Uganda partially driven by soil characteristics Details
Bevis, Leah Em; Hestrin, Rachel. 2021. Environmental Geochemistry and Health. 43(5):1867-1889. DOI.

Joint adoption of rice technologies among Bolivian farmers Details
Martinez, Jose Maria; Labarta, Ricardo A; Gonzalez, Carolina; Lopera, Diana C. 2021. Agricultural and Resource Economics Review. 50(2):252-272. DOI.

3. The list of publications that meet the search criteria is displayed.



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Click the green button to add more search terms

In: Title

AND

In: Discipline - +

Search

Refine your search

Publication Type

Journal Article	21
Conference Paper	2
Abstract	5

Discipline

Nutrition	28
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Funded by HP

Not Funded	3
Funded	25

Year

2020	1
2019	3
2018	2
2017	3
2016	2
2015	1

[+ Show More](#)

28 result(s)

Increased Iron Status during a Feeding Trial of Iron-Biofortified Beans Increases Physical Work Efficiency in Rwandan Women Details
Luna, Sarah V; Pompano, Laura M; Lung'aho, Mercy; Gahutu, Jean Bosco; Haas, Jere D. 2020. The Journal of Nutrition. 150(5):1093-1099. DOI.

Changes in Iron Status Are Related to Changes in Brain Activity and Behavior in Rwandan Female University Students: Results from a Randomized Controlled Efficacy Trial Involving Iron-Biofortified Beans Details
Wenger, Michael J; Rhoten, Stephanie E; Murray-Kolb, Laura E; Scott, Samuel P; Boy, Erick; Gahutu, Jean-Bosco; Haas Jere D. 2019. The Journal of Nutrition. 149(4):687-697. DOI.


Soluble extracts from carioca beans (Phaseolus vulgaris L.) affect the gut microbiota and iron related brush border membrane protein expression in vivo (Gallus gallus) Details
Dias, Desiree Morales; Kolba, Nikolai; Hart, Jon J; Ma, Michelle; Sha, Sybil T; Lakshmanan, Naveena; Nutti, Marilia Regini; Martino, Hércia Stampini Duarte; Glahn, Raymond P; Tako, Elad. 2019. Food Research International. 123:172-180. DOI.

A Randomized Feeding Trial of Iron-Biofortified Beans in School Children in Mexico Details
Finkelstein, L. Julia; Mehta, Saurabh; Villalpando, Salvador; Mundo-Rosas, Verónica; Luna, V. Sarah; Rahn, Maiké; Shamah-Levy, Teresa; Beebe, E. Stephen; Haas, D. Jere. 2019. Nutrients. 11(2):381. DOI.

Scaling-up biofortified beans high in iron and zinc through the school-feeding program: A sensory acceptance study with schoolchildren from two departments in southwest Colombia Details
Beintema, Joni J.S; Gallego-Castillo, Sonia; Londoño-Hernández, Luis F; Restrepo-Manjarrés, José; Talama, Elise F. 2018. Food Science and Nutrition. 6(4):1138-1145. DOI.

4. The Refine your search section allows filter publications by their type, discipline, year, etc.

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Click the green button to add more search terms

In:

In:

Applied Filters

Journal Article x

2020 x

4

Refine your search

Discipline

1

Funded by HP

1

1 result(s)

Increased Iron Status during a Feeding Trial of Iron-Biofortified Beans Increases Physical Work Efficiency in Rwandan Women

Luna, Sarah V; Pompano, Laura M; Lungu, aho, Meroy; Gahutu, Jean Bosco; Haas, Jere D. 2020. The Journal of Nutrition. 150(5):1093-1099. DOI.

