

Primo: A New User Experience

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Agenda

1

Primo User Interface status and timelines

2

Primo User Interface demo

3

Discovery and Exploration

Roadmap: New User Interface – Timeline

AUGUST RELEASE

- Mobile
- Accessibility
- Advanced search
- bX
- Consortia support – Alma
- Messages

August
2016

NOVEMBER RELEASE

- Redirect permalinks
- virtual browse
- saved queries
- Right to Left support
- OPAC Via Link
- Snippets
- Open in new tab

November
2016

FEBRUARY RELEASE

- Personalization
- Featured results
- Tags
- A-Z (until Feb will be opened in a new tab with the current UI)
- Browse (until Feb will be opened in a new tab with the current UI)

February
2017

New Primo User Interface is Live!



The image displays three overlapping screenshots of the Primo user interface, showcasing different library search portals and their search results.

Top Screenshot (CSUSM Library): The search bar contains the text "global financial crisis". The results count is 653. The interface includes navigation links like "ASK A LIBRARIAN", "DATABASES", "CIRCUIT", "COURSE RESERVES", and "LOOKING FOR A SPECIFIC ARTICLE?".

Middle Screenshot (Catalyst): The search bar contains the text "sugar rush". The results count is 365. The interface includes navigation links like "NEW SEARCH", "LIBRARY HOME", "EJOURNALS", "DATABASES", "HELP", and "REPORT A PROBLEM?". A sidebar titled "Refine My Results" is visible, showing options to "Include articles at other libraries" and "Sort by Relevance".

Bottom Screenshot (ARTHUR LAKES LIBRARY): The search bar contains the text "water purification technologies". The results count is 6,521. The interface includes navigation links like "NEW SEARCH", "FIND E-JOURNALS", "FIND DATABASES", "CITATION LINKER", and "ASK A LIBRARIAN?". A sidebar titled "Tweak my results" is visible, showing options to "Expand beyond library collections" and "Sort by Relevance".

New Primo User Interface –Customization

The screenshot displays the new Primo User Interface. At the top, the 'CATALYST' logo is on the left, and navigation links for 'ST. OLAF LIBRARIES HOME', 'JOURNAL TITLES', 'CITATION LOOKUP', 'TELL US WHAT YOU THINK!', and 'NEED HELP?' are on the right. A 'Guest' user is logged in. The search bar contains 'sugar rush' with a dropdown menu set to 'Everything'. An 'ADVANCED SEARCH' link is next to the search bar. Below the search bar, a yellow banner prompts users to 'Sign in to get complete results and to request items' with a 'Sign in' link and a 'DISMISS' button.

On the left side, the 'Refine My Results' section includes a checkbox for 'Include articles at other libraries', a 'Sort by' dropdown set to 'Relevance', and a 'Show Only' dropdown. Under 'Show Only', there are links for 'Scholarly Articles (19)', 'Physical Resources (13)', and 'Online Resources (352)'. The 'Material Type' section shows 'dissertations (243)' and a 'Show More' link. At the bottom left, there are links for 'Reviews (7)' and 'College'.

The main search results area shows three items:

- 1** **ONLINE VIDEO**
Food factory : supersized. Sugar rush
Matthew Ainsworth director.; Stefan Gates narrator.; British Broadcasting Corporation, production company.
London, England : British Broadcasting Corporation BBC 2012
[Online access](#)
- 2** **ONLINE VIDEO**
Films Media Group, film distributor; FremantleMedia, production company.
Place of publication not identified : FremantleMedia 2015
[Online access](#)
- 3** **ONLINE AUDIO**
She'S My Sugar Rush
Cadillac Kings (performer)

Each result has a row of icons for 'ENDNOTE WEB', 'CITATION', 'PERMALINK', 'PRINT', 'E-MAIL', 'TEXT/SMS', and 'EXPORT RIS (ENDNOTE/ZOTERO)'. A blue banner with the URL <https://github.com/ExLibrisGroup/primo-explore-devenv> is overlaid on the results. At the bottom right, there is a 'Leave a message' button.



The citation trail – a new exploration service for Primo

Review Article

Cocoa Polyphenols and Their Potential Benefits for Human Health

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This paper compiles the beneficial effects of cocoa polyphenols on human health, especially with regard to cardiovascular diseases, metabolic disorders, and cancer prevention. Their antioxidant properties may be responsible of their pharmacological effects, including the inhibition of lipid peroxidation and the protection of LDL-cholesterol oxidation, and increase resistance to oxidative stress. The phenolics from cocoa also modify the glycemic response profile, decreasing platelet function and inflammation along with diastolic and systolic arterial pressures, which, in turn, may reduce the risk of cardiovascular mortality. Cocoa polyphenols can also modulate intestinal inflammation, reduction of neutrophil infiltration and expression of different transcription factors, which leads to decreases in the proinflammatory enzymes and cytokines. The phenolics from cocoa may thus protect against diseases in which oxidative stress is implicated as a causal or contributing factor, such as cancer. They also have antiproliferative, antimutagenic, and chemopreventive effects, in addition to their anticarcinogenic effects.

1. Introduction

Plant phenols from numerous plant species are being actively studied as potential treatments for various metabolic and cardiovascular diseases. For example, resveratrol from red wine [1, 2], epigallocatechin-3-gallate from green tea [3–5], curcumin from turmeric [6], and quercetin [7–12] from different sources have all been studied as potential therapeutic agents, to induce weight loss, lower blood pressure, attenuate glucose levels and insulin resistance (resveratrol), and improve hemoglobin A1c and lipid profile in humans (epigallocatechin-3-gallate). Other studies also carried out in humans have shown the beneficial effects of grape seeds, chokeberries, coffee, carob, and cocoa [13]. This paper reviews the most recent research on this last substance and its potential benefits for human health.

Since the seventeenth century, cocoa and chocolate have been described as potential medicines. In Europe, various historical documents refer to chocolate's medicinal value; thus, although it was drunk as a beverage with a pleasurable taste, it was primarily eaten as a food to treat a number of

disorders, including angina and heart pain [14]. *Theobroma cacao* L. (Sterculiaceae) and its products are worldwide and are studied mainly because of its antioxidant and antiradical properties *in vitro* of some polyphenolic constituents, specially procyanidins [3–5]. Many studies have described cocoa polyphenols as being bioactive compounds, especially prominent metabolic and cardiovascular effects. These effects in part, to the antioxidant [16] and antiradical of cocoa polyphenols [17], which increase the plasma levels of antioxidants to prevent the oxidation of LDL [18]. Along with their known antiproliferative and antitumor properties are related to the protective effect of cocoa polyphenols in heart disease [18]. Other properties include their ability to modulate the response [20–24] and their anti-inflammatory [25] anticarcinogenic properties [26, 28]. In this sense, there have focused on the beneficial effects of cocoa polyphenols on human health, especially with regard to cardiovascular and inflammatory diseases, metabolic disorders, and prevention as well as on their antioxidant properties

GJIC: Gap-junction intercellular communication
GM-CSF: Granulocyte macrophage colony-stimulating factor
HDL: High-density lipoprotein
HepG2: Human hepatocellular carcinoma
IBD: Inflammatory bowel disease
IC₅₀: Inhibitory concentration-50
ICAM: Interleukin adhesion molecule
IFN- γ : Interferon- γ
Ig: Immunoglobulin

Acknowledgments

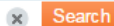
The authors thank the Spanish Government (MICIIN and FEDER, Grant SAF2009-10059-C03-01) for financial support. I. Andújar is grateful for a fellowship from the Generalitat Valenciana (Grant BFP1/2008/040).

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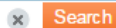
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McShea, Andy ; Leissle, Kristy ; Smith, Mark A.
Nutrition, 2009, Vol.25(11), pp.1104-1105 [Peer Reviewed Journal]

"chocolate, the form in which it is consumed, and the... chocolate have palpable and measurable effects on human... chocolate and cacao has been subject to a renaissance

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Article

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Engler, Mary B. ; Engler, Marguerite M.
Nutrition Reviews, March, 2006, Vol.64(3), p.109(10) [Peer Reviewed Journal]

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☆ **Plasma antioxidants from chocolate**

Serafini, Mauro ; Bugianesi, Rossana ; Maiani, Giuseppe ; Valtuena, Silvia ; De Santis, Simone ; Crozier, Alan
Nature, August 28, 2003, Vol.424(6952), p.1013(1) [Peer Reviewed Journal]

ingestion or in the manufacturing process, therefore inhibits the in vivo antioxidant activity of chocolate and the absorption into the bloodstream of...

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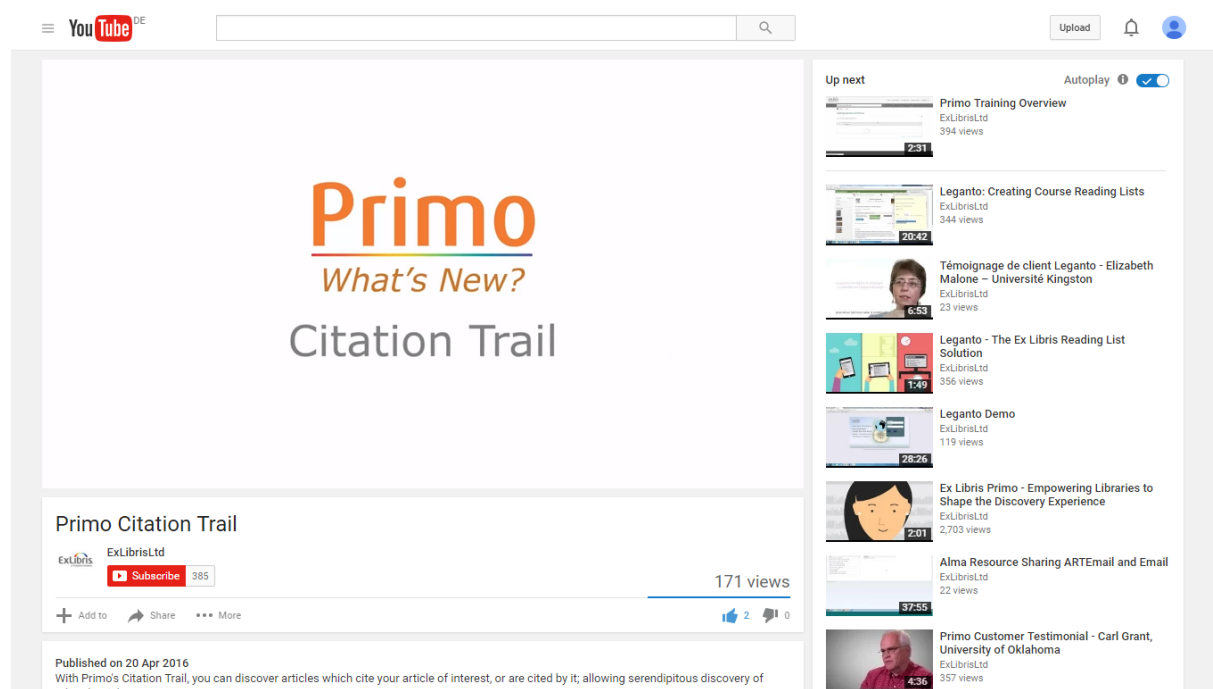
How the trail is created

- The references are extracted during the Primo Central ingestion (normalization) process
- References are matched against Primo Central
- The connections (citing, cited by) are calculated and stored
- Primo Central is requesting the connections with every result list

Notes

- References are not subject to availability filtering
- Items that cannot be matched against Primo Central are not included

The citation trail video on YouTube



<https://www.youtube.com/watch?v=PITPFCTIQe8>

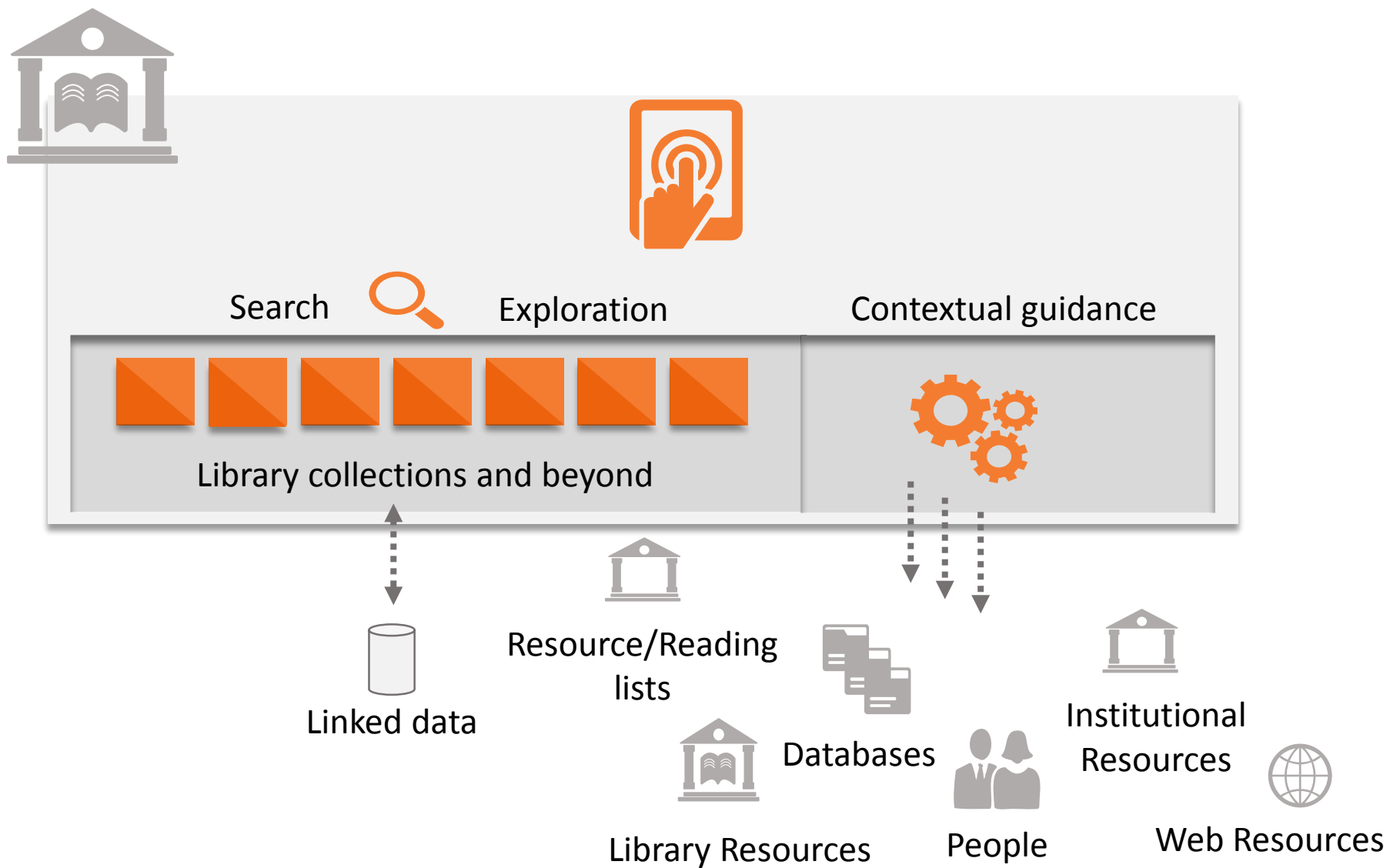
Citation trail – coming next

- More data sources
- A new design for showing the trail in the new Primo User Interface
- Develop into independent service to be used by other systems incl. summon

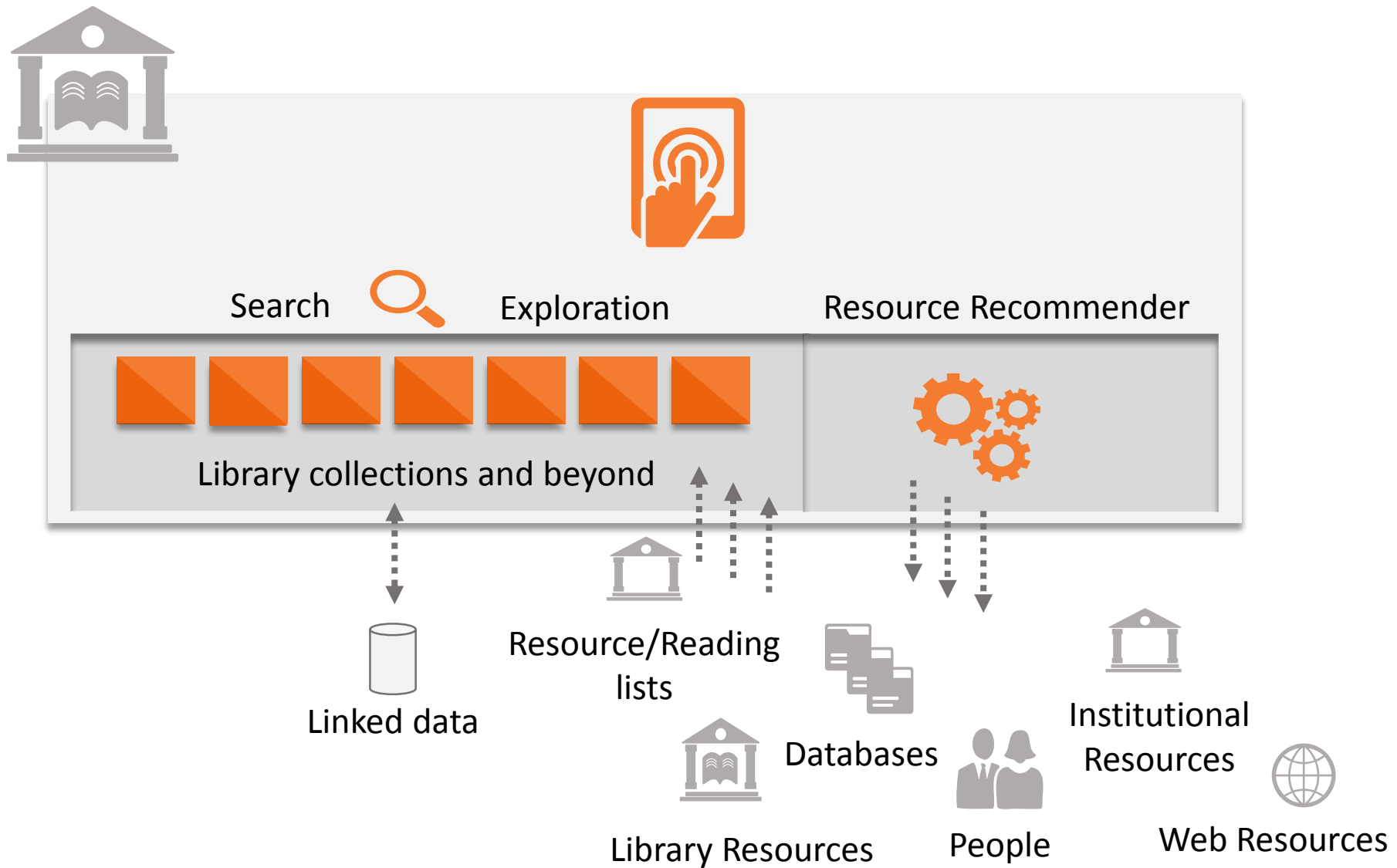


Resource Recommender – discovery as a gateway

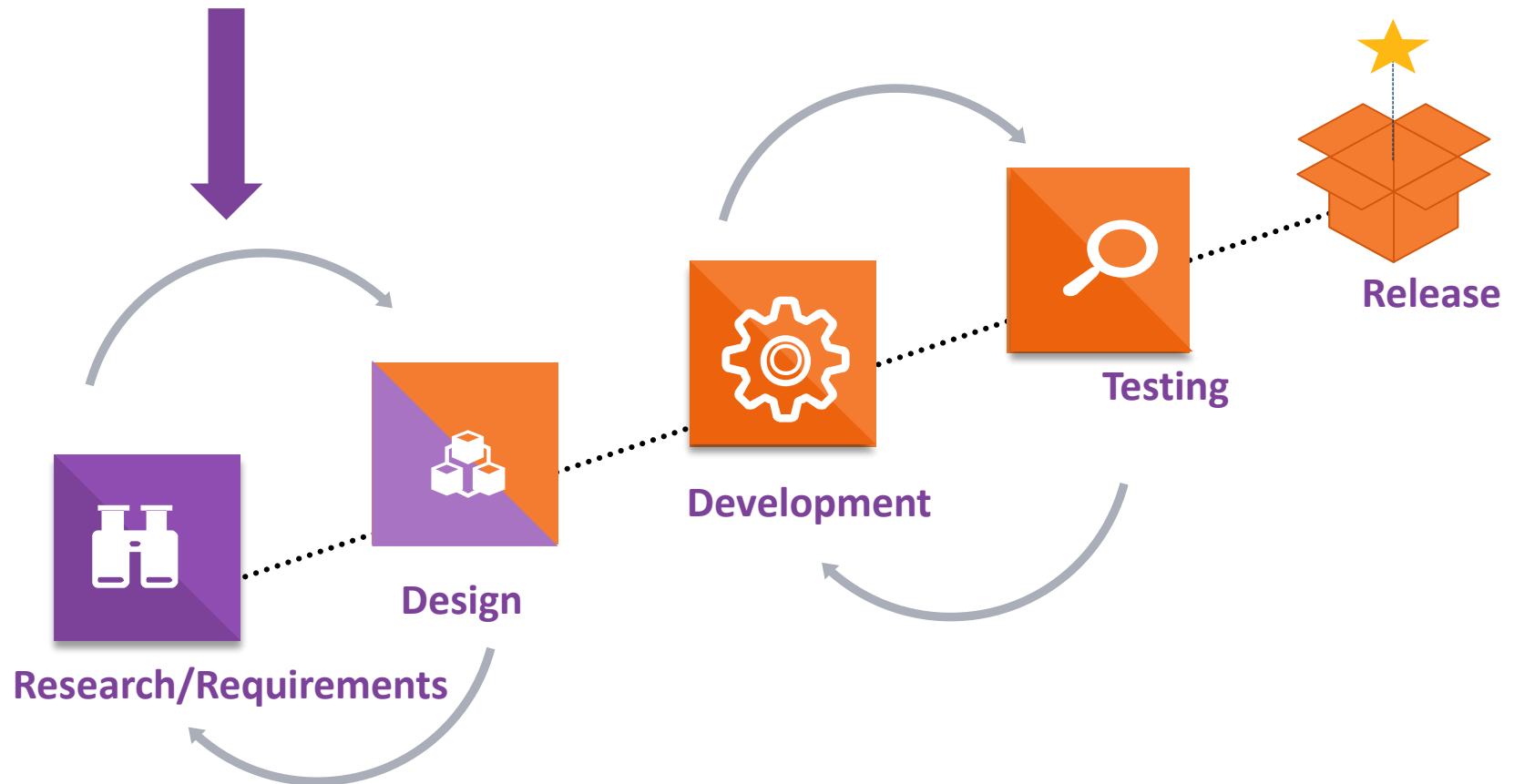
Resource Recommender - discovery as a gateway



Resource Recommender - discovery as a gateway



Resource Recommender



Resource Recommender – under consideration



Global resources

- A&I databases
- Journal homepages
- ...

Local resources

- Librarians
- Expert networks
- Websites (e.g. LibGuides)
- Reading/resource lists
- Faculty/course websites
- Special collections
- ...

Resource Recommender – under consideration



Global resources

- A&I databases
- Journal homepages
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Local resources

- Librarians
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- Reading/resource lists
- Faculty/course websites
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- ...



Based on

- Terms/phrases and their variations (associated/disassociated)
- Set limitations (e.g. known item search, long topic search)

Creates

- Limited list of “ranked” resources (by type and fit to user context)



Display sensitive to

- Resource type
- Type of recommendation

And maybe

- User's discipline (personalization, course association)
- User/Faculty association

This is your part






Discussion and questions

THANK YOU

Christine.Stohn@exlibrisgroup.com

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6,864 Results


1







BOOK


Children's information processing of television advertising

Daniel B. Wackman ; Ellen Wartella; Scott Ward 1942-
s.l. : s.n. 1979?

 Available at [North Campus Social Library General collection \(Quarto HF6146.T42 W3x\)](#) >


2







BOOK


The Effects of television advertising on children : review and recommendations

Richard Adler
Lexington, Mass. : D.C. Heath c1980.

 Available at [In Storage General collection \(384.55 9ZAR10D23S13TBA Ef36\)](#) and other locations >


   





3




ARTICLE / multiple sources exist. [see all](#)

Television food advertising to children: a global perspective

Kelly, Bridget ; Halford, Jason C. G. ; Boyland, Emma J. ; Chapman, Kathy ; Bautista-Castaño, Immaculada ; Berg, Christina ; Caroli, Margeritha ; Cook, Brian ; Coutinho, Janine G. ; Effertz, Tobias ; Grammatikaki, Evangelia ; Keller, Kathleen ; Leung, Raymond ; Manios, Yannis ; Monteiro, Renata ; Pedley, Claire ; Prell, Hillevi ; Raine, Kim ; Recine, Elisabetta ; Serra-Majem, Lluis ; Singh, Sonia ; Summerbell, Carolyn
American Journal of Public Health, 2010 [Peer Reviewed Journal]
[Full text available](#)  >


   





4




ARTICLE

Children's Television Advertising

Badgett, Tom
JMR, Journal of Marketing Research (pre-1986), Aug 1978, Vol.15(000003), p.497 [Peer Reviewed Journal]
[Full text available](#)  >





5



ARTICLE / multiple sources exist. [see all](#)

Compliance with children's television food advertising regulations in Australia

Roberts Michele ; Pettigrew Simone ; Chapman Kathy ; Miller Caroline ; Quester Pascale
BMC Public Health, 01 October 2012, Vol.12(1), pp.846 [Peer Reviewed Journal]

Tweak my results

☐ Expand beyond library collections

Sort by Relevance ▾

Availability ^

Peer Reviewed (1,505)
Full Text Online (6,769)
Available in the Library (8)

Resource Type ^

Articles (3,876)
Audiovisual (70)
Books (181)
Conference Proceedings (23)
Databases (1)
[Show More](#)

Topic ^

Advertising (1,094)
Advertising And Children (313)
Advertising As Topic (12)
Article (16)
Child (13)
[Show More](#)

Language ^

Chinese (2)

Primo User Interface

The image displays two overlapping screenshots of the ExLibris Primo User Interface. The left screenshot shows a search results page with a blue border. The right screenshot shows a similar page but with a different layout and a blue border. Both pages show search results for the query 'television advertising children'.

Left Screenshot (Primo 5.x):

- Search bar: 'television advertising children' (6,864 Results)
- Result 1: **Children's information processing of television advertising** by Daniel B. Wackman; Ellen Wartella; Scott Ward 1942- s.l. : s.n. 1979? Available at North Campus Social Library General collection (Quarto HF6146.T42 W3x) >
- Result 2: **The Effects of television advertising on children : review and recommendations** by Richard Adler. Lexington, Mass. : D.C. Heath c1980. Available at In Storage General collection (384.55 9ZAR10D23S13TBA Ef36) and other locations >
- Result 3: **Television food advertising to children: a global perspective** by Kelly, Bridget; Halford, Jason C. G.; Boyland, Emma J.; Chapman, Kathy; Bautista-Castaño, Immaculada; Berg, Christina; Caroli, Margeritha; Cook, Brian; Coutinho, Janine G.; Effertz, Tobias; Grammatikaki, Evangelia; Keller, Kathleen; Leung, Raymond; Manios, Yannis; Monteiro, Renata; Pedley, Claire; Prell, Hillevi; Raine, Kim; Recine, Elisabetta; Serra-Majem, Lluís; Singh, Sonia; Summerbell, Carolyn. American Journal of Public Health, 2010 [Peer Reviewed Journal]. Full text available >
- Result 4: **Children's Television Advertising** by Badgett, Tom. JMR, Journal of Marketing Research (pre-1986), Aug 1978.
- Footer: TWEAK MY RESULTS

Right Screenshot (Primo 6.x):

- Search bar: 'television advertising children' (6,864 Results)
- Result 1: **Children's information processing of television advertising** by Daniel B. Wackman; Ellen Wartella; Scott Ward 1942- s.l. : s.n. 1979? Available at North Campus Social Library General collection (Quarto HF6146.T42 W3x) >
- Result 2: **The Effects of television advertising on children : review and recommendations** by Richard Adler. Lexington, Mass. : D.C. Heath c1980. Available at In Storage General collection (384.55 9ZAR10D23S13TBA Ef36) and other locations >
- Result 3: **Television food advertising to children: a global perspective** by Kelly, Bridget; Halford, Jason C. G.; Boyland, Emma J.; Chapman, Kathy; Bautista-Castaño, Immaculada; Berg, Christina; Caroli, Margeritha; Cook, Brian; Coutinho, Janine G.; Effertz, Tobias; Grammatikaki, Evangelia; Keller, Kathleen; Leung, Raymond; Manios, Yannis; Monteiro, Renata; Pedley, Claire; Prell, Hillevi; Raine, Kim; Recine, Elisabetta; Serra-Majem, Lluís; Singh, Sonia; Summerbell, Carolyn. American Journal of Public Health, 2010 [Peer Reviewed Journal]. Full text available >
- Result 4: **Children's Television Advertising** by Badgett, Tom. JMR, Journal of Marketing Research (pre-1986), Aug 1978, Vol.15(000003), p.497 [Peer Reviewed Journal]
- Footer: TWEAK MY RESULTS

Search for: ☒ All Resources ☐ Books ☐ Articles

I SIMPLE SEARCH

Any field contains television advertising

Language
Any language




AND Any field contains hyper active

OR Any field contains ADHD television

[+ ADD A NEW LINE](#) [CLEAR](#)[Any field contains television advertising AND Any field contains hyper active](#)
[OR Any field contains ADHD television](#)

“Easy way to do citations –already there and you don’t have to go searching for it, does it all for you”

216 Results

- 1  [ARTICLE / multiple sources exist, see all](#)
There is no meaningful relationship between television exposure and symptoms of attention-deficit/hyperactivity disorder
Stevens, Tara ; Mulsow, Miriam
Pediatrics, March 2006, Vol.117(3), pp.665-72 [Peer Reviewed Journal]
[Full text available](#) [Full text available](#)
- 2  [ARTICLE / multiple sources exist, see all](#)
Home literacy, television viewing, fidgeting and ADHD in young children
Froiland, John Mark ; Davison, Mark L.
Routledge
Educational Psychology, 25 September 2014, p.1-17 [Peer Reviewed Journal]
[Full text available](#) [Full text available](#)
- 3  [ARTICLE / multiple sources exist, see all](#)
Children's Television Viewing and ADHD-related Behaviors: Evidence from

Availability

Peer Reviewed (96)
Full Text Online (216)

Resource Type

Articles (114)
Audiovisual (10)
Books (9)
Dissertations (6)

Primo User Interface

“Everything is just there, you don’t have to hunt for it”

The screenshot displays the ExLibris Primo User Interface. On the left, a dark blue sidebar contains the ExLibris logo and a large white 'X' icon. The main content area shows a search result for the article "Development of the Caffeine Withdrawal Symptom Questionnaire: Caffeine withdrawal symptoms cluster into 7 factors" by Juliano, Laura M., Huntley, Edward D., Harrell, Paul T., and Westerman, Ashley T. The article is from "Drug and Alcohol Dependence", 1 August 2012, Vol.124(3), pp.229-234. A green link indicates "Full text available". Below the article title, there are navigation links: TOP, SEND TO, VIEW ONLINE, DETAILS, LINKS, and MORE. The "SEND TO" section includes icons for REFWORKS, ENDNOTE, EASYBIB, CITATION, PERMALINK, PRINT, and E-MAIL. The "VIEW ONLINE" section has a "Link to Online Resource" link. The "DETAILS" section provides information about the title, author, subjects (Caffeine, Withdrawal, Assessment, Principal Components Analysis, Headache, Diagnosis, DSM), and the full description of the article. On the right, a "Related reading" section lists several other articles, including "Caffeine Intoxication and Addiction", "Faster but not smarter: effects of caffeine and caffeine...", "Caffeine dependence", "Exposure time to caffeine affects heartbeat and cell...", and "Caffeine Consumption Patterns and Beliefs of...".

ExLibris

Development of the Caffeine Withdrawal Symptom Questionnaire: Caffeine withdrawal symptoms cluster into 7 factors

Drug and Alcohol Dependence, 1 August 2012, Vol.124(3), pp.229-234 [Peer Reviewed Journal]

Full text available

TOP

SEND TO

VIEW ONLINE

DETAILS

LINKS

MORE

Send to

REFWORKS

ENDNOTE

EASYBIB

CITATION

PERMALINK

PRINT

E-MAIL

View Online

Link to Online Resource >

Details

Title

Development of the Caffeine Withdrawal Symptom Questionnaire: Caffeine withdrawal symptoms cluster into 7 factors

Author

Juliano, Laura M.

Huntley, Edward D.

Harrell, Paul T.

Westerman, Ashley T.

Subjects

Caffeine

Withdrawal

Assessment

Principal Components Analysis

Headache

Diagnosis

DSM

Is Part Of

Drug and Alcohol Dependence, 1 August 2012, Vol.124(3), pp.229-234

Description

BackgroundHabitual caffeine consumers who abstain from caffeine experience withdrawal symptoms such as headache, fatigue, difficulty concentrating, mood disturbances, and flu-like symptoms (Juliano and Griffiths, 2004). The caffeine withdrawal syndrome has been documented across many experimental studies; however, little is known about how withdrawal symptoms co-vary during a discrete episode. Furthermore,

Related reading

Caffeine Intoxication and Addiction

Pohler Pohler

The journal for nurse practition...

ARTICLE suggested by bX

Faster but not smarter: effects of caffeine and caffeine...

Peter Rogers

Psychopharmacology.2012, Vol....

ARTICLE suggested by bX

Caffeine dependence

Roger Collier

Canadian Medical Association. ...

ARTICLE suggested by bX

Exposure time to caffeine affects heartbeat and cell...

Tamer Abdelkader

Journal of applied toxicology.2...

ARTICLE suggested by bX

Caffeine Consumption Patterns and Beliefs of...

Robert McIlvain

American journal of health educ...

ARTICLE suggested by bX

MORE

Primo User Interface – now live

sugar rush



New Search

Mines Library



ADVANCED SEARCH

CATALYST

ST. OLAF
LIBRARIES
HOME

JOURNAL
TITLES

CITATION
LOOKUP

TELL US
WHAT YOU
THINK!

NEED HELP?



Guest

sugar rush



Everything



ADVANCED SEARCH



CSUSM Library

ASK A
LIBRARIAN

DATABASES

CIRCUIT

COURSE
RESERVES

LOOKING
FOR A
SPECIFIC
ARTICLE?



Guest
ENGLISH

sugar rush



Discovery

Articles+



ADVANCED SEARCH

NEW
SEARCH

LIBRARY
HOME

EJOURNALS

DATABASES

HELP

REPORT A
PROBLEM



Guest
ENGLISH

sugar rush



Everything



ADVANCED SEARCH

Sign in to get complete results and to request items [Sign in](#) [DISMISS](#)

6,462 Results

1



ARTICLE

Sugar Rush

Guilbault, Laure

WWD, Jan 3, 2014, Vol.205(2), p.10

[Full text available](#)



2



ARTICLE

Sugar rush

BuildGreen, Feb 2, 2014

[Full text available](#)



Tweak my results

☐ Expand beyond my library

Sort by Relevance

Availability

Scholarly / Peer-reviewed (519)

Full Text (6,462)

Content Type

Primo User Interface - Customization

- <https://github.com/ExLibrisGroup/primo-explore-devenv>

The screenshot displays the Primo User Interface with a search for "sugar rush". The top navigation bar includes the CATALYST logo and links for ST. OLAF LIBRARIES HOME, JOURNAL TITLES, CITATION LOOKUP, TELL US WHAT YOU THINK!, NEED HELP?, and a Guest user profile. The search bar contains "sugar rush" with a dropdown menu set to "Everything". An "ADVANCED SEARCH" link is available. A yellow banner prompts users to "Sign in to get complete results and to request items" with a "Sign in" link and a "DISMISS" button.

On the left, the "Refine My Results" section includes a checkbox for "Include articles at other libraries", a "Sort by Relevance" dropdown, and a "Show Only" section with filters for Scholarly Articles (19), Physical Resources (13), and Online Resources (352). The "Material Type" section lists dissertations (243), Newspaper Articles (35), Articles (31), Books (29), and Reviews (7), with a "Show More" link.

The main results area shows three items:

- 1** **ONLINE VIDEO**
Food factory : supersized. Sugar rush
Matthew Ainsworth director.; Stefan Gates narrator.; British Broadcasting Corporation, production company.
London, England : British Broadcasting Corporation BBC 2012
[Online access](#)
- 3** **ONLINE AUDIO**
She'S My Sugar Rush
Cadillac Kings (performer)
Trouble In Store, [S.l.] : 33 Jazz Records, 1 Jan 2008
[Full text available](#)
- 4** **NEWSPAPER ARTICLE**
Hop Delivers a Fleeting Sugar Rush
Schager, Nick
The Village Voice, Mar 30, 2011, p.1

Each result includes a document icon and a row of action buttons: ENDNOTE WEB, CITATION, PERMALINK, PRINT, E-MAIL, TEXT/SMS, and EXPORT RIS (ENDNOTE/ZOTERO).

A "Leave a message" button is located at the bottom right.