



Discovery neu überdacht: Suchen,
Sondieren, Lernen

Christine Stohn, Senior Product Manager, Discovery & Delivery


ExLibris
The bridge to knowledge

Agenda

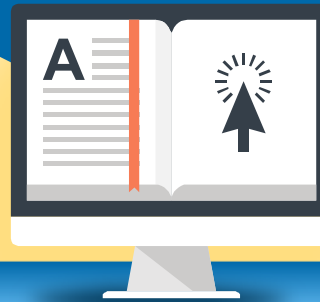
- Nutzer, Medien, Discovery
- Discovery beyond searching: Sondier- und Lernpfade
- Discovery als Gateway
- Überlegungen für die Zukunft

Nutzer kommen mit verschiedenen Zielsetzungen



Discovery-Indizes halten vielfältige Informationen bereit

Primo Central (1 Mrd. Einträge)
Primo lokale Bestände



Unter-
schiedliche
Materialtypen

Unter-
schiedliche
Disziplinen

Unter-
schiedliche
Medienarten

Unter-
schiedliche
akademische
Niveaus

Unter-
schiedliche
Tiefe

Jede Institution hat ihre eigenen Gegebenheiten, Nutzerprofile und Ideen

Notizen zu Nutzerverhalten und Erwartungen



- Es muss schnell gehen
 - Einfache und schnelle Ergebnisse
 - Kernfunktionen auf den ersten Blick
 - Keine lange Erklärungen
- Mobil
 - An personalisierte Erfahrungen gewöhnt
- Sozial
 - Konsultieren, austauschen
- Sind an automatische Vorschläge gewöhnt
- Nutzen Referenzpfade für Zufallsentdeckungen

Nutzergeschichten

Kürzlich musste ich Forschungsartikel zur Vorbereitung eines Gesprächs über optische Halbleiterverstärker finden. Ich hatte das Ziel, sowohl die aktuellen Entwicklungen auf diesem Gebiet als auch wichtige Publikationen zu diesem Thema vorzustellen, um das grundlegende Konzept darzulegen.

Fortgeschrittener Student, Physik

Vor kurzem hatte ich die Aufgabe, Informationen über eine bestimmte Therapie (Photopherese) für die Behandlung der Graft-versus-Host-Reaktion zu sammeln. Am wichtigsten war für mich, erst einmal einen allgemeinen Überblick über das Thema und den aktuellen Forschungsstand zu erhalten. Ich begann mit einer Google-Suche nach „Photopherese“, fand aber nichts nützliches; als ich aber durch die Hilfe meiner Kommilitonen Material gefunden hatte, machte es sehr viel Spaß, tiefer in das Themengebiet vorzustoßen.

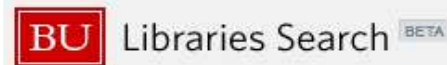
Studienanfänger, Medizin

Kernkonzepte Discovery

- Suchen und finden
- Sondierung
- Lernen
- Personalisierung



Sondierung der Umgebung: Gezielte Zufallsentdeckungen



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- Articles (16,554)
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- More options ▾

Subject


- United States (595)
- History (414)
- Politics (290)
- Slavery (285)
- Cuba (248)
- More options ▾

Creator

- Galloway, J. H. (6)
- Knight, G. Roger (5)
- Sicotte, Richard (4)
- Moses, Robert G. (3)
- Tobin, Beth Fowkes (3)

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Article

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Higman, B. W.
The Economic History Review, 2000, Vol.53(2), pp.213-236 [Peer Reviewed Journal]

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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 for 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 a 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 oxidant 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, especially procyanidins, flavanols [15]. Many studies have described cocoa polyphenols as bioactive compounds, especially prominent metabolic and cardiovascular effects. These effects in part, to the antioxidant [16] and antiradical of cocoa phenolics [17], which increase the plasma levels of antioxidants to prevent the oxidation of LDL-cholesterol [18]. Along with their known antiplatelet effects, particular properties are related to the protective effects of cocoa phenolics in heart disease [18]. Other properties include their ability to modulate the insulin response [20–24] and their anti-inflammatory [25] anticarcinogenic properties [26, 28]. In this paper we 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

GIIC: 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: Intercellular adhesion molecule
IFN- γ : Interferon- γ
Ig: Immunoglobulin

Acknowledgments

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Zitatpfade in der neuen Primo Nutzeroberfläche*

The screenshot displays a web browser window with the URL `primo-demo.exlibrisgroup.com:1701/primo-explore2/features/citation_trail/`. The browser's address bar and tabs are visible at the top. The main content area is divided into a left sidebar and a right main panel. The sidebar, titled "Water", shows a list of 14 search results. The first result is a book titled "Water : for health, for healing, for life: you're not sick, you're thirsty!" by Batmanghelidj, F., published in New York by Warner Books in 2003. This book is highlighted, and its citation trail is shown in the main panel. The citation trail includes a "Citations" section with options to "Find sources citing this" or "sources cited in this". Below this is a "Send to" section with icons for Refworks, Endnote, Easybib, Citation, Permalink, Print, and E-mail. A "View it" section is also present. At the bottom, a "Digital Version(s) Availability" box indicates that all registered users have access to 4 files (jpg), with a note that only registered users have access. The Ex Libris logo is visible in the bottom right corner of the browser window.

*Vorläufiges Design, kann sich noch etwas ändern

Zitatpfade in der neuen Primo Nutzeroberfläche*

The screenshot displays the Primo user interface. At the top, a navigation bar shows a back arrow, the text "Your current citation path", and a "Save path" button. Below this, a white box highlights "NOW LISTING SOURCES CITED IN:" with the text "Water : for health, for healing, for life: you're not sick, you're thirsty!" and the author "Batmanghelidj, F".

The main content area shows "14 Results" and a list of search results. The first result is a JOURNAL titled "Water!" from MDPI Pub. in Basel, Switzerland, with a note "Available full text online". The second result is a BOOK titled "Water : culture, politics and management" by The Festival of Water (2004), published by Pearson in Delhi. The third result is a BOOK titled "Water : for health, for healing, for life: you're not sick, you're thirsty!" by Batmanghelidj, F, published by Warner Books in New York, with a note "Available Mugar Memorial Library offsite storage: (Z5931.U5.F65)". The fourth result is a BOOK titled "Water : the essence of life" by Niemever, Mark, published in 1958.

On the right side, there is a "Tweak your results" section with three options: "For future use", "Important stuff", and "Secondary read".

*Vorläufiges Design, kann sich noch etwas ändern

Zitatpfade in der neuen Primo Nutzeroberfläche*

The screenshot displays the Primo user interface. At the top, a dark blue header contains a back arrow and the text "Your current citation path" with a "Save path" link. Below this, three citation path boxes are shown: "Water : for health for healing, for life: you're not sick, you're thirsty!", "Water : culture, politics and management", and "Water!". To the right, a box titled "NOW LISTING SOURCES CITING:" lists "Annual report of the Boston Water Board, for the year ending..." and "Boston (Mass.). Water Board. 1877".

The main search results area shows "14 Results". The first result is a JOURNAL titled "Water!" from MDPI Pub. The second is a BOOK titled "Water : culture, politics and management" by Pearson. The third is a BOOK titled "Water : for health, for healing, for life: you're not sick, you're thirsty!" by Warner Books. The fourth is a BOOK titled "Water : the essence of life" by Niemever. Mark.

On the right side, there is a "Tweak your results" section with three options: "For future use", "Important stuff", and "Secondary read".

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Anonymous (129)
Berget, Bente (8)
Beck, Alan (7)
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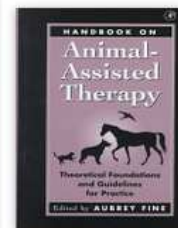
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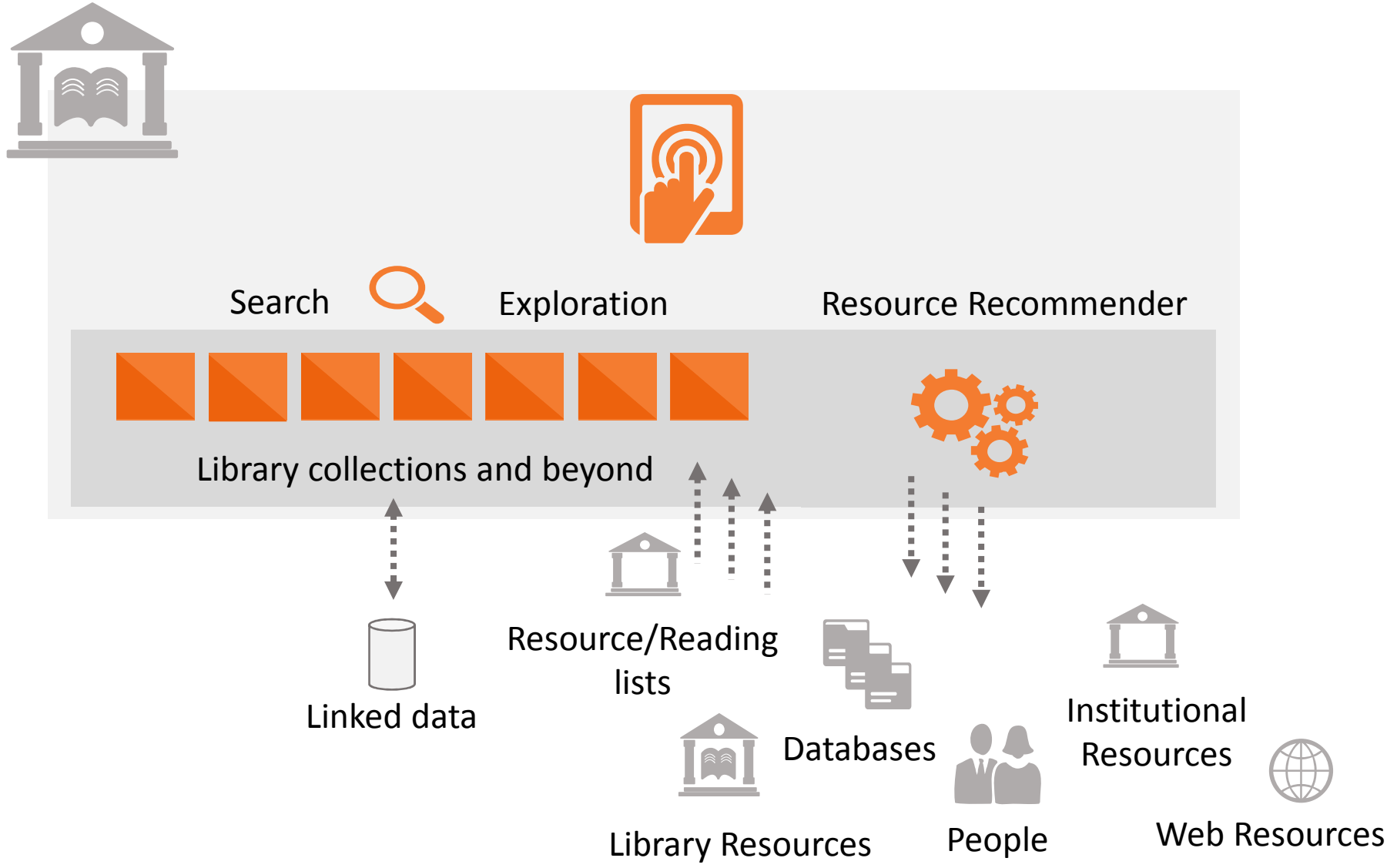
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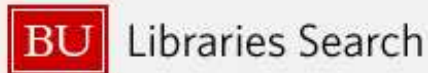


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Nonlinear science

National Research Council (U.S.). Naval Studies Board. Panel on Mathematics (Nonlinear Science and the Navy); 1997
Washington, D.C. : National Academy Press

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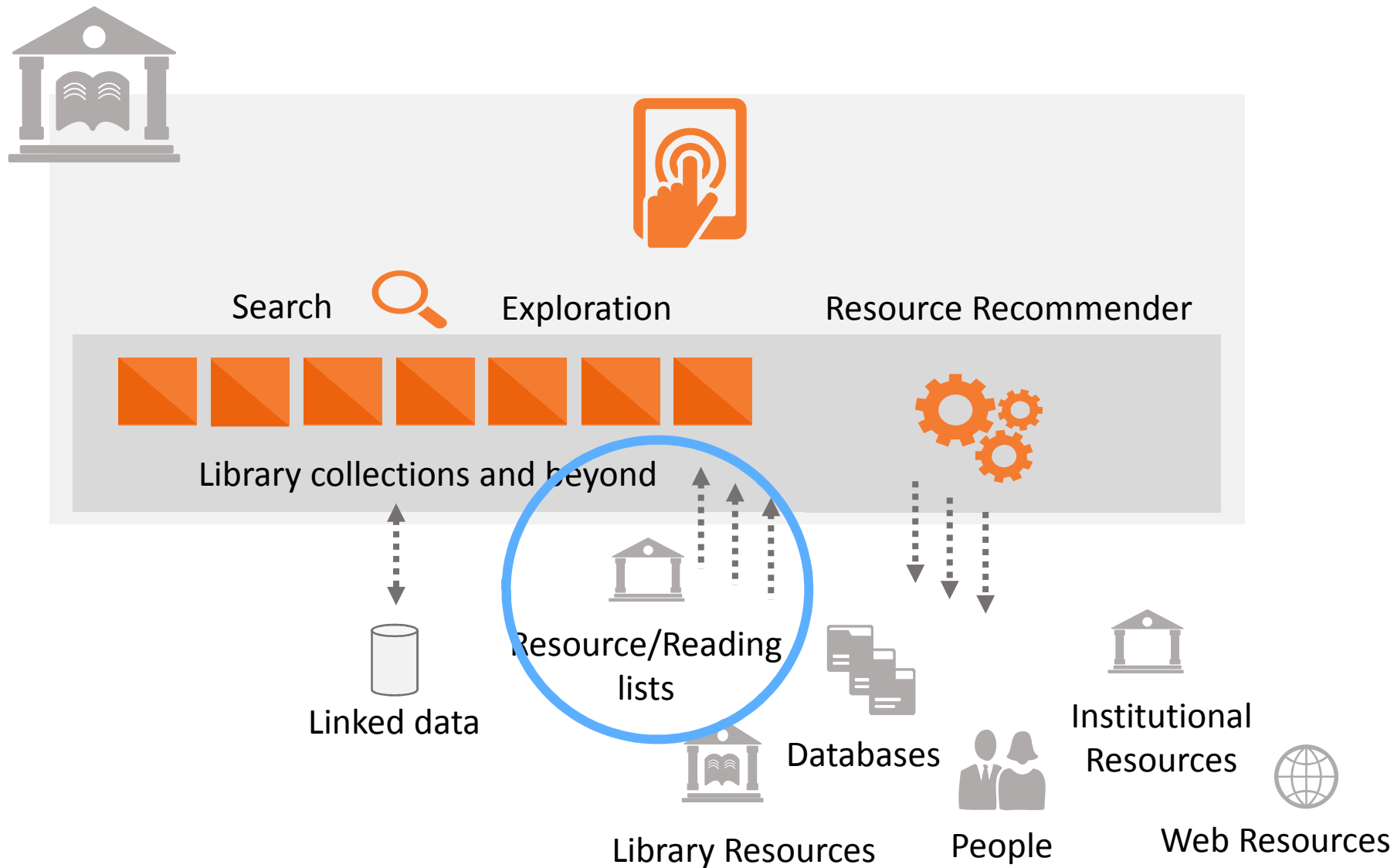
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Discovery als Gateway





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Discover relations linked to French Revolution

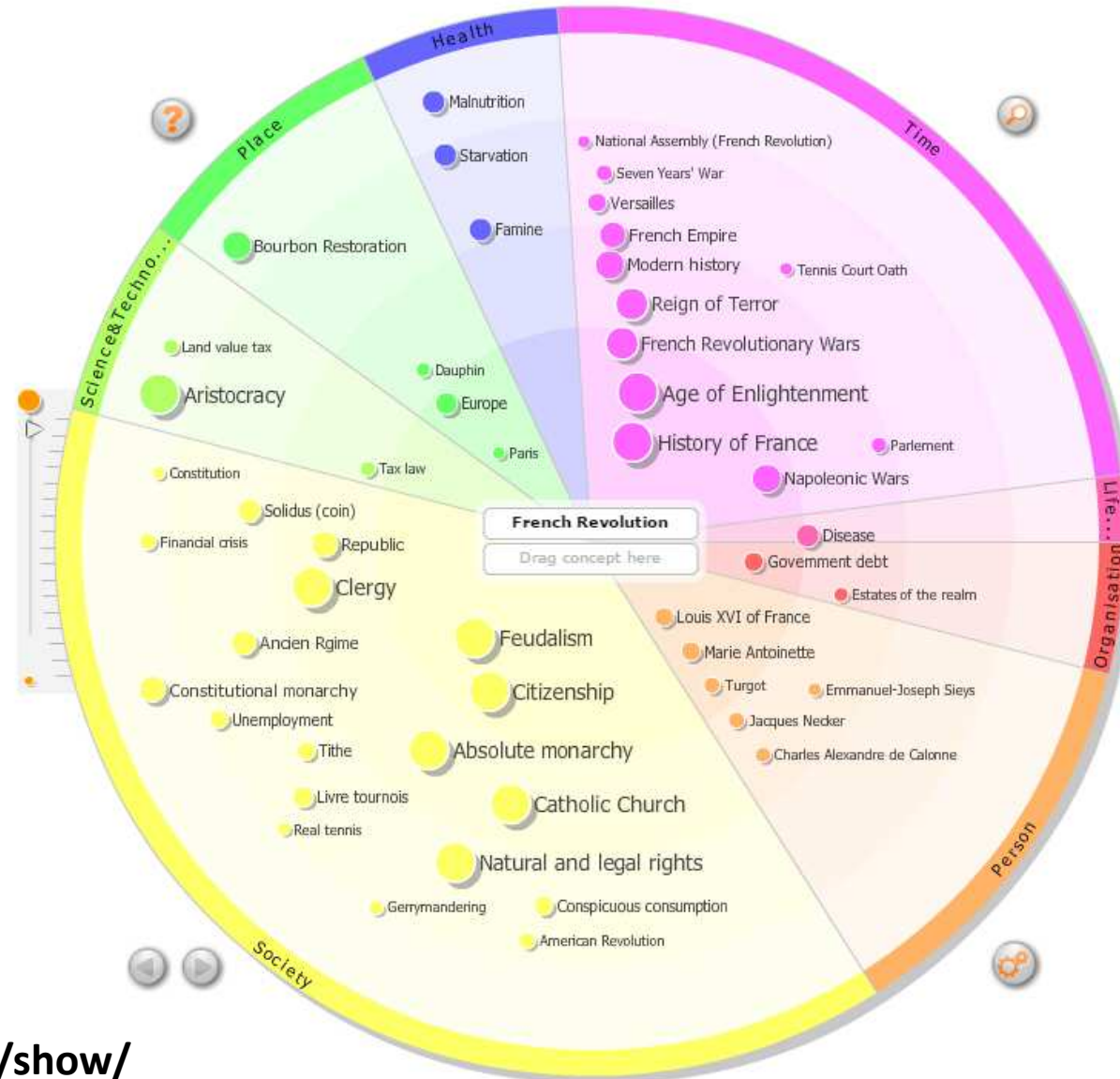
French Revolution

The French Revolution (1789–1799) was a period of political and social upheaval and radical change in the history of France, during which the French governmental structure, previously an absolute monarchy with feudal privileges for the aristocracy and Catholic clergy, underwent radical change to forms based on Enlightenment principles of citizenship and inalienable rights. These changes were ...
 (from Wikipedia*: French Revolution)

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all facts

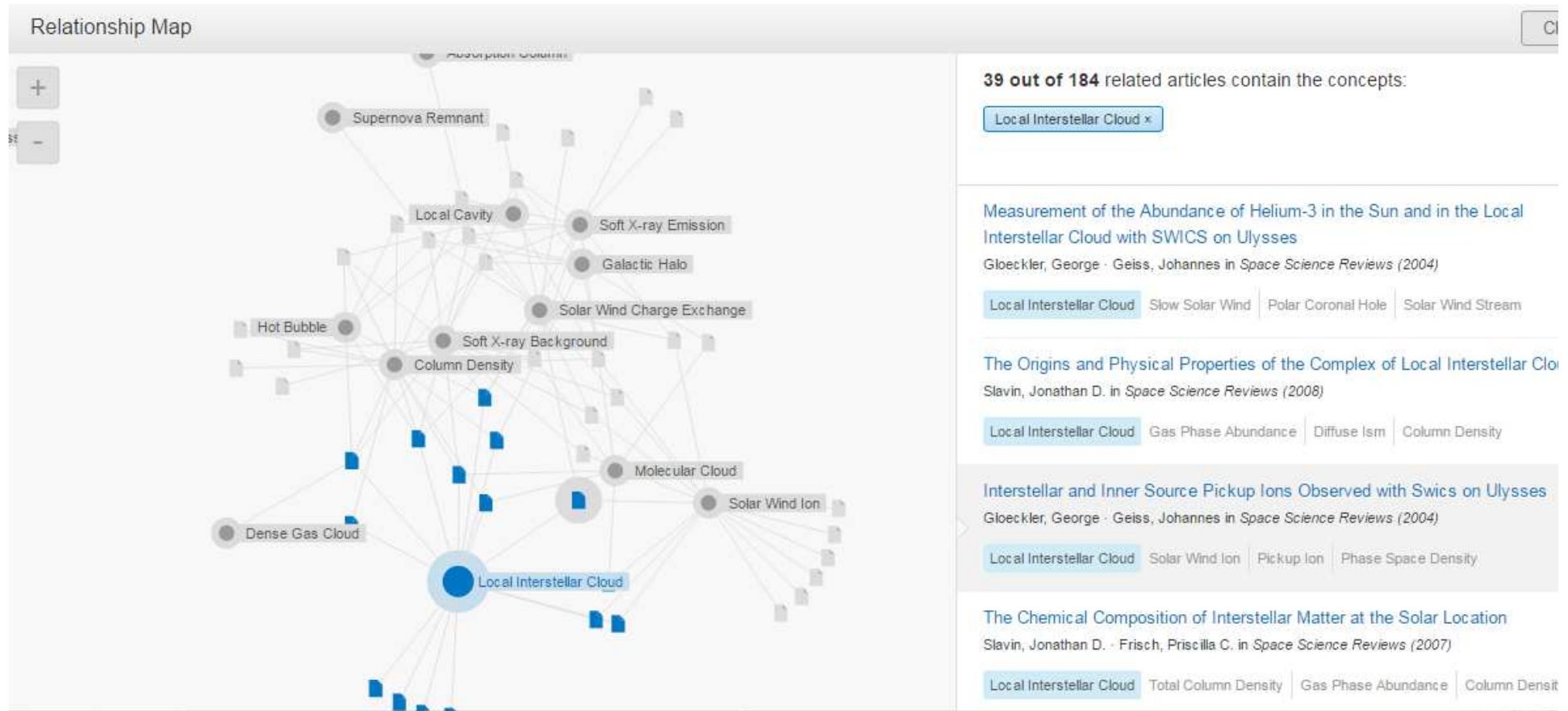
notes



<http://en.eyexplorer.com/show/>

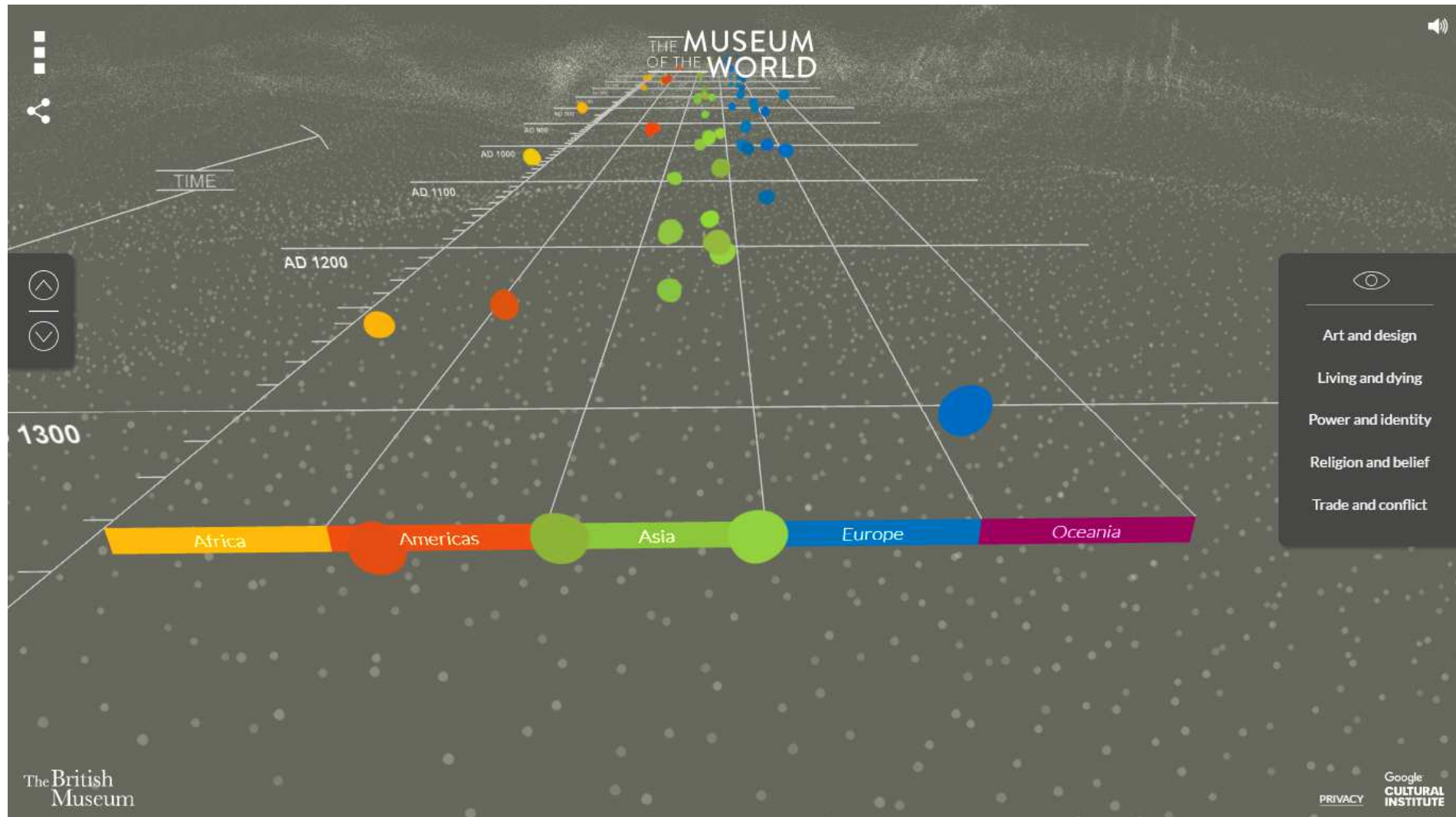
Disclaimer

SpringerLink – related content relationship map



link.springer.com

Visual Exploration mit Daten



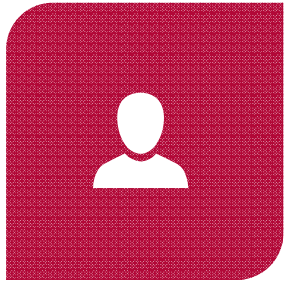
<https://britishmuseum.withgoogle.com/>

Personalisierung und “anticipatory” Discovery

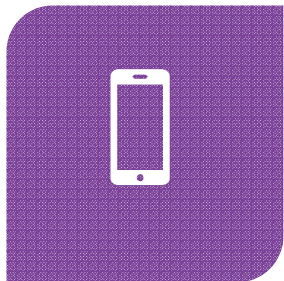


- **Aktive Auswahlmöglichkeiten des Nutzers beeinflussen das Ranking, z. B. bei**
 - Fachgebiet
 - Alter der Publikation
- **Passive Auswahl – Nutzerpräferenzen “erahnen”, basierend auf Nutzungsprofil**
 - Wie Google?
 - Privacy concerns?
 - Zielgerechter aber auch beschränkter?
 - Kritische Masse, um ein Profil erstellen zu können?
 - Nutzerprofil basierend auf Kursauswahl?

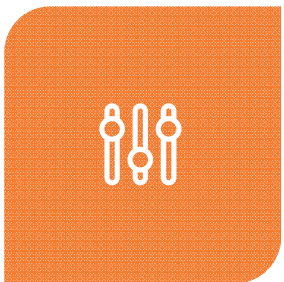
Neue Nutzeranforderungen, neue Konzepte, neue Medien, neue Technologien,



Nutzererwartungen
und -zielsetzungen



Nutzermobilität



Materialmasse und -
verschiedenartigkeit

- ✓ Unterstützung aller Discovery Kernkonzepte
- ✓ Unterstützung verschiedenartiger Medien
- ✓ Nutzung von *Big Data* Technologien für Analytics und Enrichment
- ✓ Synergien mit anderen Systemen
- ✓ Integration von Bibliotheksdienstleistungen
- ✓ Zeitgemässes und nutzergerechtes *User Experience Design*
- ✓ Unterstützung von verschiedenen Einstiegspunkten



THANK YOU

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