A system for generating research impact visualizations over medical research groups


Research output: Contribution to journal › Article

Innovations in Discovery Systems: User Studies and the Bento Approach


Research output: Chapter in Book/Report/Conference proceeding › Conference contribution

An integrated data management instructional program


Research output: Contribution to journal › Conference article
Case Study – A participant agreement for minting DOIs for data not in a repository

Research output | Chapter in Book/Report/Conference proceeding | Chapter

2016

Data management practices and perspectives of atmospheric scientists and engineering faculty

Research output | Contribution to journal | Review article

2014

An Analysis of Data Management Plans in University of Illinois National Science Foundation Grant Proposals

Research output | Contribution to journal | Article

The CARE (center for academic resources in engineering) program at Illinois

Research output | Chapter in Book/Report/Conference proceeding | Conference contribution

2013

Modeling search assistance mechanisms within web-scale discovery systems

Research output | Chapter in Book/Report/Conference proceeding | Conference contribution

2012

Capturing patron selections from an engineering library public terminal menu: An analysis of results

Research output | Chapter in Book/Report/Conference proceeding | Chapter
2011

Open access issues and engineering faculty attitudes and practices
Research output Contribution to journal › Review article

2009

User search behaviors within a library gateway
Research output Chapter in Book/Report/Conference proceeding › Conference contribution

2006

Digital initiatives and digital library applications: The new frontier
Research output Contribution to journal › Editorial

The growth of electronic journals in libraries: Access and management issues and solutions
Research output Contribution to journal › Article

2005

Developing a digital library education program
Research output Contribution to journal › Article

Digital libraries: Challenges and influential work
Research output Contribution to journal › Review article

2004
Developing a technical registry of OAI data providers
Research output: Contribution to journal › Article

Metasearch technologies in reference work, OAI, and search navigation assistance
Research output: Contribution to journal › Article

2002
Integration of simultaneous searching and reference linking across bibliographic resources on the web
Research output: Chapter in Book/Report/Conference proceeding › Conference contribution

2001
Capturing patron selections from an engineering library public terminal menu: An analysis of results
Research output: Contribution to journal › Article

Electronic Resources and Services in Sci-Tech Libraries
Research output: Book/Report › Book

Library portals, simultaneous search, and full-text linking technologies
Research output: Contribution to journal › Article

Linking to the appropriate copy: Report of a DOI-based prototype
Research output: Contribution to journal › Article
Qualified Dublin Core using RDF for Sci-Tech Journal Articles

Research output: Chapter in Book/Report/Conference proceeding › Conference contribution

The digital engineering library: Current technologies and challenges

Research output: Contribution to journal › Article

Using XML and XSLT to process and render online journals

Research output: Contribution to journal › Article

2000

Using XML, XSLT, and CSS in a digital library

Research output: Contribution to journal › Article

1999

Federated Search of Scientific Literature

Research output: Contribution to specialist publication › Article

The D-Lib Test Suite: Testbeds for digital libraries research

Research output: Contribution to journal › Review article

Web-based access to locally developed databases

Research output: Contribution to journal › Article
1996

A client-server serials control system for staff and public access functions
Research output Contribution to journal › Article

Federating diverse collections of scientific literature
Research output Contribution to specialist publication › Article

Federating repositories of scientific literature: An update on the digital library initiative at the University of Illinois at Urbana-Champaign
Research output Contribution to journal › Review article

1992

Interface design and development: The human factor
Research output Contribution to journal › Review article

1990

Use of microcomputer workstations to enhance access to library collections
Research output Contribution to journal › Article

1987

END-USER SEARCHING OF BIBLIOGRAPHIC DATABASES.
Research output Contribution to journal › Article
MICROCOMPUTER SOFTWARE TO FACILITATE ONLINE DATABASE SEARCHING.


Library of congress subject headings: A review of the problems, and prospects for improved subject access


SUBJECT RETRIEVAL FUNCTION BASED ON COMPUTER-MANIPULATED LIBRARY OF CONGRESS SUBJECT HEADINGS.


Technical report on a subject retrieval function for the online union catalog


EXPANDED SUBJECT ACCESS TO LIBRARY COLLECTIONS USING COMPUTER-ASSISTED INDEXING TECHNIQUES.


Study and development of mechanized indexing procedures that can be applied to the production of subject-enhanced keyword indexes final report

Inexperienced users might think that these bibliographic databases and aggregators in fact only consist of a single, unitary database. The significant volume of academic research that mentions ProQuest or EbscoHost as its search frame, without stating the specific databases accessed, is indicative of this issue. In such cases the exact scope of the search remains unclear to readers and reviewers, which is especially worrying when research-synthesis studies are concerned. For reasons of scientific rigour, we suggest researchers should be educated on the issues around accurately reporting search scope. Limitations and future research. This research found that the QHC measure a consistent methodology and seems a valid predictor of the sizes of most ASEBDs in our sample. End-users search national bibliographies in many contexts, but looking for publications on a specific topic is among the most important. For its success, the bibliographic record must contain information on subject(s) covered by the resource described and access points must be provided. Research has repeatedly shown that controlled vocabularies help users to improve their subject searching. Subject heading systems and thesauri have been the most common tools. In addition to in-library use, this function may also mean exporting bibliographic data for use in other communities such as publishing, for example as input for Books-in-print.