

# AUGSBURG COLLEGE *Lindell Library*

Ask a Librarian: 612-330-1604  
refdesk@augsborg.edu

[Basic Search](#) | [Advanced Search](#) | [Find Database](#) | [Find Journal](#) | [My Research](#)  
[Search](#) | [Results](#)

 [Log Out](#) |  [Help](#)

## Basic Search Results

Search for "'quantitative literacy'" in "Basic Article" found 52 results









[Summary](#)

[Table View](#) [Brief View](#) [Full View](#)

Sort by: [Year](#)

1- 20 of 30 records retrieved ([retrieve more](#)) [Advanced Search](#)

<< [Previous](#) [Next](#) >>

- 1 ■ [Quantitative Literacy for Undergraduate Business Students in the 21st Century.](#)  
McClure, Richard 1 [mcclurrh@muohio.edu](mailto:mcclurrh@muohio.edu)  
Journal of Education for Business Jul/Aug2008, Vol. 83 Issue 6, p369-374  
2008  
The current business environment is awash in vast amounts of data that ongoing transactions continually generate. Leading-edge corporations are using business analytics to achieve competitive advantage. However, educators are not adequately preparing business school students in quantitative methods to meet this challenge. For more than half a century, business schools have relied mostly on a course in calculus and a course in statistics to ...  
[Academic Search Premier\(EBSCO\)](#)  [Find It](#) 
- 2 ■ [Clinical Implications of Numeracy: Theory and Practice.](#)  
Nelson, Wendy 1 [nelsonw@mail.nih.gov](mailto:nelsonw@mail.nih.gov)  
Annals of Behavioral Medicine 2008, Vol. 35 Issue 3, p261-274  
2008  
Low numeracy is pervasive and constrains informed patient choice, reduces medication compliance, limits access to treatments, impairs risk communication, and affects medical outcomes; therefore, it is incumbent upon providers to minimize its adverse effects. We provide an overview of research on health numeracy and discuss its implications in clinical contexts. Low numeracy cannot be reliably inferred on the basis of patients' ...  
[Academic Search Premier\(EBSCO\)](#)  [Find It](#) 
- 3 ■ [A science need: Designing tasks to engage students in modeling complex data.](#)  
Lesh, Richard 1  
Educational Studies in Mathematics May2008, Vol. 68 Issue 2, p113-130  
2008  
In this information age, the capacity to perceive structure in data, model that structure, and make decisions regarding its implications is rapidly becoming the most important of the quantitative literacy skills. We build on Kaput's belief in a Science of Need to motivate and direct the development of tasks and tools for engaging students in reasoning about data. A Science of Need embodies the utility value of mathematics, and engages ...  
[Academic Search Premier\(EBSCO\)](#)  [Find It](#) 
- 4 ■ [New Standards for Improving Two-Year Mathematics Instruction.](#)  
Schwarte, Arthur E. 1,2  
Education Digest Oct2007, Vol. 73 Issue 2, p39-42  
2007  
The article, condensed from the original in the April 23, 2007 issue of "The Hispanic Outlook in Higher Education," discusses mathematics instruction at two-year colleges in the U.S. The author explains that two-year colleges enroll the most diverse postsecondary student populations and that more than half of those students require developmental mathematics instruction before entering college-level mathematics classes. He presents his ...  
[Academic Search Premier\(EBSCO\)](#)  [Find It](#) 
- 5 ■ [Current Practices in Quantitative Literacy.](#)  
Pelech, James  
Mathematics Teacher Sep2007, Vol. 101 Issue 2, p158-159  
2007  
The article reviews the book "Current Practices in Quantitative Literacy," edited by

### Topics

- [Document literacy and ...](#) (5)
- [College](#) (5)
- [Data Analysis](#) (5)
- [Colleges In The U.S.](#) (3)
- [Numeracy](#) (3)



### Dates

- [2008](#) (3)
- [2007](#) (7)
- [2006](#) (4)
- [2005](#) (4)
- [2004](#) (10)



### Authors
















- [Dietz, Tracy](#) (2)
- [Ma, Xin](#) (2)
- [Other](#) (26)

### Journal Titles

- [Peer Review](#) (5)
- [Equity & Excellence in...](#) (2)
- [American Statistician](#) (2)
- [Dyslexia \(10769242\)](#) (2)
- [Other](#) (19)

Rick Gillman.

Academic Search Premier(EBSCO) 


- 
- 6  [Quantitative Literacy for Social Justice.](#)  
Wiest, Lynda R. 1 wiest@unr.edu  
Equity & Excellence in Education Mar2007, Vol. 40 Issue 1, p47-55  
2007  
In this article, we argue that many adults lack the "numeracy" needed to function in a maximally effective manner in their vocational, civic, and personal lives. We believe schools need to foster skills in quantitative literacy (QL), an inclination and ability to make reasoned decisions using general world knowledge and fundamental mathematics in authentic everyday circumstances. We explain how schools might begin to make inroads in ...  
Academic Search Premier(EBSCO) 
- 
- 7  [Riding the information highway - towards a new kind of learning.](#)  
Aro, Mikko 1 mikko@utu.fi  
International Journal of Lifelong Education Jul/Aug2007, Vol. 26 Issue 4, p385-398  
2007  
In the modern world, skimming through information quickly and finding the important nuggets of knowledge from amongst the information overload is an essential skill. One way to train oneself for this kind of literacy is reading on the internet, which requires continuous assessment of search results and specifying searches. In this article a central question is in which ways computer usage is connected with literacy needed in everyday life, ...  
Academic Search Premier(EBSCO) 
- 
- 8  [MATH, COMPUTERS.](#)  
SciTech Book News Mar2007, Vol. 31 Issue 1, p15-41  
2007  
The article reviews several books including "The Handbook of Mobile Middleware," edited by Paolo Bellavista and Antonio Corradi, "Current Practices in Quantitative Literacy," edited by Rick Gillman and "Handbook of Mathematics for Engineers and Scientists," by Andrei D. Polyani and Alexander V. Manzhurov.  
Academic Search Premier(EBSCO)  
- 
- 9  [Associate Editor's Introduction.](#)  
Whitlock, Elaine R.  
Equity & Excellence in Education Mar2007, Vol. 40 Issue 1, p1-2  
2007  
The article discusses various reports published within the issue, including one by Rick Voithofer and Alan Foley titled "Digital Dissonances: Structuring Absences in National Discourses on Equity and Educational Technologies" and "Quantitative Literacy for Social Justice," by Lynda R. Wiest, Heidi J. Higgins, and Janet Hart Frost.  
Academic Search Premier(EBSCO) 
- 
- 10  [Connecting Users to Numeric and Spatial Resources.](#)  
Bennett, Terrence B. 1 tbennett@tcnj.edu  
Social Science Computer Review Fall2007, Vol. 25 Issue 3, p302-318  
2007  
The burgeoning use of numeric data resources across all academic disciplines raises significant questions about the library's role in providing data services and promoting quantitative literacy. This study analyzes the content of web pages to determine the presence and promotion of data resources and services at a random sample of large research libraries (and their related institutions) in North America. The results prompt the authors ...  
Academic Search Premier(EBSCO) 
- 
- 11  [The Effect of Data Analysis Modules in the Introductory Sociology Course: Lessons for the Social Sciences.](#)  
Dietz, Tracy 1 tdietz@mail.ucf.edu  
Innovative Higher Education 2006, Vol. 31 Issue 1, p27-42  
2006  
This article offers an evaluation of the implementation of the American Sociological Association's Integrating Data Analysis Project in a large introductory sociology course. This project was designed following an examination of the curricula of 13 disciplines that revealed that sociology failed to integrate empirical, quantitative literacy components throughout the undergraduate curriculum. Thus, efforts to introduce students to data ...  
Academic Search Premier(EBSCO)  
- 
- 12  [Innovations in Teaching Statistics/Achieving Quantitative Literacy: An Urgent](#)




















Challenge for Higher Education. (Turkish)

Cleary, Richard J. 1

American Statistician Feb2006, Vol. 60 Issue 1, p99-100  
2006

The article reviews the books "Innovations in Teaching Statistics," edited by Joan B. Garfield and "Achieving Quantitative Literacy: An Urgent Challenge for Higher Education," by Lynn Steen.

Academic Search Premier(EBSCO)  **Find It** 

- 
- 13  Using Data Analysis Exercises to Teach Research in Sociology of Aging Online: An Examination of Student Satisfaction.  
Dietz, Tracy 1 tdietz@mail.ucf.edu  
Educational Gerontology Nov/Dec2006, Vol. 32 Issue 10, p807-824  
2006  
The present study represents an evaluation of the implementation of the integration of the American Sociological Association's (ASA) Integrating Data Analysis Project into 2 online offerings of an undergraduate sociology of aging course. This program was developed in response to concerns that students did not understand the complex relationships between theory, research, and substantive topics within the discipline. The ...
- Academic Search Premier(EBSCO)  **Find It**  
- 
- 14  Cognitive and Affective Changes as Determinants for Taking Advanced Mathematics Courses in High School.  
Ma, Xin 1  
American Journal of Education Nov2006, Vol. 113 Issue 1, p123-149  
2006  
Using data from the Longitudinal Study of American Youth, this analysis tested whether changes during middle and high school in mathematics-related cognitive and affective factors influence participation in the most advanced mathematics course work, with control over confounding factors associated with student background. No significant interaction effects between cognitive and affective factors were found. Although changes in cognitive ...
- Academic Search Premier(EBSCO)  **Find It**  
- 
- 15  Current Practices in Quantitative Literacy.  
Ashbacher, Charles  
Journal of Recreational Mathematics 2005-2006, Vol. 34 Issue 2, p138-138  
2005  
The article reviews the book "Current Practices in Quantitative Literacy," edited by Rick Gilman.
- Academic Search Premier(EBSCO)  **Find It** 
- 
- 16  Modelling proportional thinking with threes and twos.  
Tabart, Paul 1  
Australian Primary Mathematics Classroom Aug2005, Vol. 10 Issue 3, p27-32  
2005  
Discusses the application of proportional reasoning in ratios. Information on the types of proportional reasoning problems; Goal behind the use of traffic congestion on the Tasman bridge in Hobart, Tasmania for the application of proportional reasoning; Importance of quantitative literacy to build connection between mathematical concepts and their applications.
- Academic Search Premier(EBSCO)  **Find It**  
- 
- 17  Estimating correlates of growth between mathematics and science achievement via a multivariate multilevel design with latent variables.  
Ma, Lingling  
Studies in Educational Evaluation Jan2005, Vol. 31 Issue 1, p79-98  
2005  
Abstract: The purpose of the present study was to improve a multivariate multilevel model in the research literature which estimates the consistency in the rates of growth between mathematics and science achievement among students and schools. We introduced a new multivariate multilevel model via a latent variable approach. Data from the Longitudinal Study of American Youth (LSAY) provided scores on basic skills, algebra, geometry, and ...
- Academic Search Premier(EBSCO)  **Find It** 
- 
- 18  Early acceleration of students in mathematics: Does it promote growth and stability of growth in achievement across mathematical areas?  
Ma, Xin 1 xin.ma@uky.edu  
Contemporary Educational Psychology Oct2005, Vol. 30 Issue 4, p439-460  
2005

Abstract: Using data from the Longitudinal Study of American Youth (LSAY), the present study examined whether early acceleration of students into formal algebra at the beginning of middle school promoted evident growth in different mathematical areas (basic skills, algebra, geometry, and quantitative literacy) and stable growth across these mathematical areas. Results of multivariate multilevel analyses showed that low achieving students ...

Academic Search Premier(EBSCO)  **Find It** 

19

Adults Left Behind.

Byron, William J.

America 10/11/2004, Vol. 191 Issue 10, p6-6  
2004

The article critiques the No Child Left Behind Act, educational legislation signed by President George W. Bush in January 2002. An estimated 40 million to 44 million Americans, age 16 and older, have minimal ability to read prose, interpret information on tables and graphs and manage everyday arithmetic. To the extent that the schools failed them decades ago, society owes them something now. As we argue about policies and practices that ...

Academic Search Premier(EBSCO)  **Find It**  

20

QUANTITATIVE LITERACY IN THE MEDIA An Arena for Problem Solving.

Watson, Jane M. 1 jane.watson@utas.edu.au

Australian Mathematics Teacher Mar2004, Vol. 60 Issue 1, p34-40  
2004

Discusses the importance of problem solving with the aims of numeracy and quantitative literacy. Definition of numeracy; Development of the goal of quantitative literacy; Levels of problem solving that stress the need for basic quantitative literacy skills.

Academic Search Premier(EBSCO)  **Find It**  

1- 20 of 30 records retrieved (retrieve more)

[Advanced Search](#)

<< <Previous [Next](#) >>

Powered by  MetaLib

[Turn Off Auto Refresh](#) | [Accessibility Statement and Disclaimer](#)

# AUGSBURG COLLEGE *Lindell Library*

Ask a Librarian: 612-330-1604  
refdesk@augsborg.edu

Basic Search | Advanced Search | Find Database | Find Journal | My Research  
Search | Results

 Log Out |  Help |

## Basic Search Results


Search for ""quantitative literacy"" in "Basic Article" found 52 results

[Summary](#)


[Table View](#) [Brief View](#) [Full View](#)

Sort by: [Year](#)


21- 30 of 30 records retrieved (retrieve more) [Advanced Search](#) << <Previous Next>>

- 21  [Whither the future of quantitative literacy research?](#)  
Lomax, Richard G. 1 rlomax@bamaed.ua.edu  
Reading Research Quarterly Jan-Mar2004, Vol. 39 Issue 1, p107-112  
2004  
Discusses the future of quantitative literacy research. Status of quantitative research in literacy as of 2004; Crucial methods of quantitative data analysis in literacy; Recommendations for current and future literacy researchers.


[Academic Search Premier\(EBSCO\)](#)  [Find It](#) 

- 22  [From the Editor.](#)  
Tritelli, David  
Peer Review Summer2004, Vol. 6 Issue 4, p3-3  
2004  
Focuses on the importance of quantitative literacy in college in the U.S. Significance of quantitative literacy to citizenship in the election; Details on the potential implications of data trends; Relationship between quantitative literacy and mathematics.


[Academic Search Premier\(EBSCO\)](#)  [Find It](#) 

- 23  [Qualitative Vs. Quantitative Methods.](#)  
Ograjen&scaron;ek, Irena 1  
Quality Progress Jan2004, Vol. 37 Issue 1, p82-85  
2004  
The article presents a comparative study of qualitative and quantitative methods. The use of statistical methods in certified quality management systems has been a frequently discussed topic ever since the total quality management and ISO 9000 certification boom in the 1970s and 1980s. by the 1990s, many experts were noting that statistical frequently stood aside and watched the quality movement hype or overemphasize the qualitative ...

[Academic Search Premier\(EBSCO\)](#)  [Find It](#) 

- 24  [Statistical Literacy and Liberal Education at Augsburg College.](#)  
Schild, Milo 1  
Peer Review Summer2004, Vol. 6 Issue 4, p16-18  
2004  
Focuses on the significance of statistical literacy as an essential component of a liberal education at Augsburg College in Minneapolis, Maine. Role of observationally-based statistics in modern life; Elements of quantitative literacy; Means of distinguishing association from causation.

[Academic Search Premier\(EBSCO\)](#)  [Find It](#) 

- 25  [Everything I Needed to Know about Averages ... I Learned in College.](#)  
Steen, Lynn Arthur 1  
Peer Review Summer2004, Vol. 6 Issue 4, p4-8  
2004  
Focuses on the failure of general education for colleges and universities in the U.S. Details on the educational merits of traditional core curricula; Ability of students to build connections between mathematics and other subjects; Link between quantitative literacy and mathematics. INSET: QUANTITATIVE LITERACY: MAKING THE INVISIBLE VISIBLE.

[Academic Search Premier\(EBSCO\)](#)  [Find It](#) 

### Topics

- [Document literacy and ...](#) (5)
- [College](#) (5)
- [Data Analysis](#) (5)
- [Colleges In The U.S.](#) (3)
- [Numeracy](#) (3)



### Dates

- [2008](#) (3)
- [2007](#) (7)
- [2006](#) (4)
- [2005](#) (4)
- [2004](#) (10)
















### Authors

- [Dietz, Tracy](#) (2)
- [Ma, Xin](#) (2)
- [Other](#) (26)

### Journal Titles

- [Peer Review](#) (5)
- [Equity & Excellence in...](#) (2)
- [American Statistician](#) (2)
- [Dyslexia \(10769242\)](#) (2)
- [Other](#) (19)

- 26  [Two Mathematics.](#)  
Madison, Bernard L. 1  
Peer Review Summer2004, Vol. 6 Issue 4, p9-12  
2004  
Identifies the two divisions of mathematics. Details on the classic essay on the aesthetics of mathematics; Accounts on the endemic lack of arithmetic skill among tradesmen in the seventeenth and eighteenth centuries; Description of a quantitative literacy.
- [Academic Search Premier\(EBSCO\)](#)  
- 
- 27  [Setting Greater Expectations for Quantitative Learning.](#)  
Schneider, Carol Geary 1  
Peer Review Summer2004, Vol. 6 Issue 4, p26-27  
2004  
Discusses the role of the Greater Expectations initiative for college-level learning in the U.S. Proposals for educational change; Development of the major kinds of quantitative literacies; Ability of using quantitative strategies to examine significant questions.
- [Academic Search Premier\(EBSCO\)](#)  
- 
- 28  [Teaching Statistical Principles Using Epidemiology: Measuring the Health of Populations.](#)  
Stroup, Donna F. 1 [dstroup@cdc.gov](mailto:dstroup@cdc.gov)  
American Statistician Feb2004, Vol. 58 Issue 1, p77-84  
2004  
Recent developments in education have addressed the need to expand and enhance the teaching of statistics and mathematics throughout education (K-16) to improve the statistical literacy and scientific reasoning of students. Nonetheless, many students perceive the statistics instruction contained in mathematics and science courses as unrelated to decisions in their lives, and data show that students in the United States lag behind students ...
- [Academic Search Premier\(EBSCO\)](#)  
- 
- 29  [A comparative study of adults with and without self-reported learning disabilities in six English-speaking populations: What have we learned?](#)  
Vogel, Susan A. 1  
Dyslexia (10769242) Nov2003, Vol. 9 Issue 4, p193-228  
2003  
The purpose of this study was to compare adults with and without self-reported learning disabilities (SRLD and NSRLD) from six English-speaking populations including: English-speaking Canada, Great Britain, The Republic of Ireland, New Zealand, Northern Ireland, and the United States. These six populations were selected because they were all English-speaking populations, participated in the first administration of the International Adult ...
- [Academic Search Premier\(EBSCO\)](#) 
- 
- 30  [Adults with self-reported learning disabilities in Slovenia: Findings from the international adult literacy survey on the incidence and correlates of learning disabilities in Slovenia.](#)  
Magajna, Lidija 1  
Dyslexia (10769242) Nov2003, Vol. 9 Issue 4, p229-251  
2003  
This study of adults with self-reported learning disabilities (SRLD) in Slovenia is part of a larger secondary analysis of the data from the International Literacy Survey project (IALS). The purpose of the study was to examine the characteristics of 79 (2.68%) individuals who reported experiencing learning disabilities and compare them to the general population on a variety of indicators of educational background, employment status, and ...
- [Academic Search Premier\(EBSCO\)](#) 

21- 30 of 30 records retrieved ([retrieve more](#)) [Advanced Search](#) [<< <Previous](#) [Next>>](#)

Powered by 

[Turn Off Auto Refresh](#) | [Accessibility Statement and Disclaimer](#)