

Quick Science Citation Index

Cleveland Health Sciences Library/Case Western Reserve University

CHSL Homepage

Notice Library Catalogs and Databases

Cleveland Health Sciences Library/Case Western Reserve University

Library Catalogs and Databases

Here is the link to Science Citation Index

Cleveland Health Sciences Library/Case Western Reserve University

ISI Web of Knowledge

Click on Web of Science

Cleveland Health Sciences Library/Case Western Reserve University

Web of Science

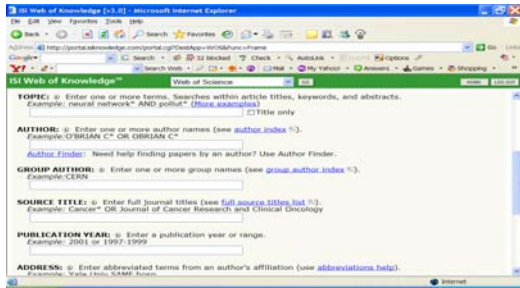
Select a Search Option

Cleveland Health Sciences Library/Case Western Reserve University

General Search

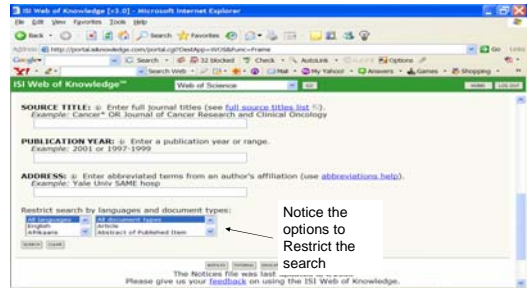
Cleveland Health Sciences Library/Case Western Reserve University

More General Search



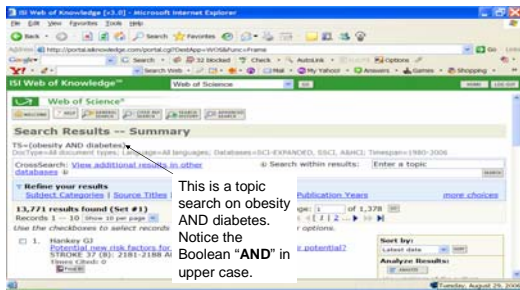
Cleveland Health Sciences Library/Case Western Reserve University

More General Search



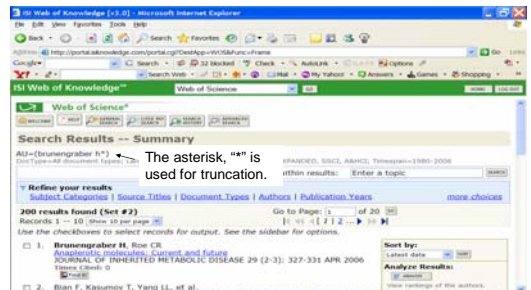
Cleveland Health Sciences Library/Case Western Reserve University

Topic



Cleveland Health Sciences Library/Case Western Reserve University

Author



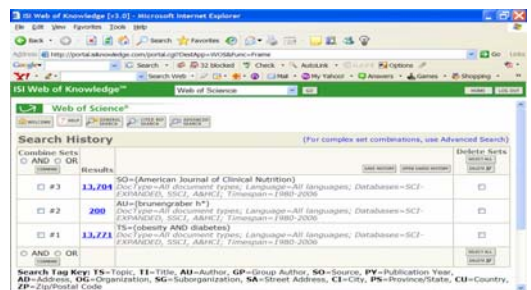
Cleveland Health Sciences Library/Case Western Reserve University

Source



Cleveland Health Sciences Library/Case Western Reserve University

Search History



Cleveland Health Sciences Library/Case Western Reserve University

Combine

From Search History you may COMBINE results.

Cleveland Health Sciences Library/Case Western Reserve University

Results from Combine

Cleveland Health Sciences Library/Case Western Reserve University

Search Results Summary

Notice Refine your results

Cleveland Health Sciences Library/Case Western Reserve University

Refine by Publication Years

Cleveland Health Sciences Library/Case Western Reserve University

Full Record

Full Record

Record 1 of 174 (Set #4)

Title: Factorial study of the effect of n-3 fatty acid supplementation and atorvastatin on the kinetics of HDL apolipoproteins A-I and A-II in men with abdominal obesity

Author(s): Chan DC, Watts GF, Nguyen MN, et al.

Source: AMERICAN JOURNAL OF CLINICAL NUTRITION 84 (1): 37-43 JUL 2006

Abstract: Background: Disturbed HDL metabolism in insulin-resistant, obese subjects may account for an elevated risk of cardiovascular disease. Fish oils and atorvastatin increase plasma HDL cholesterol, but the underlying mechanisms responsible for this change are not fully understood.

Cleveland Health Sciences Library/Case Western Reserve University

More of the Full Record

Output This Record

Abstract: We conducted a 6-wk randomized, placebo-controlled, 2 X 2 factorial intervention study of the effects of fish oils (4 g/d) and atorvastatin (40 mg/d) on the kinetics of HDL apo A-I and HDL apo A-II in 88 obese men with dyslipidemia with intravenous administration of [D₃-]leucine. Isotopic enrichments of apo A-I and apo A-II were measured with gas chromatography-mass spectrometry with kinetic parameters derived from a multicompartmental model (SAAM II).

Results: Fish oils and atorvastatin significantly decreased plasma triglycerides and increased HDL cholesterol and HDL cholesterol (P < 0.05 for main effects). A significant (P < 0.02) main effect of fish oils was observed in decreasing the fractional catabolic rate of HDL apo A-I and HDL apo A-II. This was coupled with a significant decrease in the corresponding production rates, accounting for a lack of treatment effect on plasma concentrations of apo A-I and apo A-II. Atorvastatin did not significantly alter the concentrations or kinetic parameters of HDL apo A-I and HDL apo A-II. None of the treatments altered insulin resistance.

Conclusions: Fish oils, but not atorvastatin, influence HDL metabolism chiefly by decreasing both the catabolism and production of HDL apo A-I and HDL apo A-II in insulin-resistant obese men. Addition of atorvastatin to treatment with fish oils had no additional effect on HDL kinetics compared with fish oils alone.

Author Keywords: cardiovascular disease; n-3 fatty acids; 3-hydroxy-3-methylglutaryl coenzyme A reductase; HDL cholesterol; insulin; HDL lipoprotein metabolism

KeyWords Plus: COA REDUCTASE INHIBITOR; VISCERAL OBESITY; INSULIN-RESISTANCE; METABOLIC SYNDROME; DIABETES-MELLITUS; HDL KINETICS; FISH-OIL; CHOLESTEROL; SIMVASTATIN; OMEGA-3-FATTY ACIDS

Cleveland Health Sciences Library/Case Western Reserve University

Find It

Do not always believe the information from this link - always try every option offered!

Watts, GF; Nguyen, MN; Barrett, PH. "Factorial study of the effect of n-3 fatty acid supplementation and atorvastatin on the kinetics of HDL apolipoproteins A-I and A-II in men with abdominal obesity." *AMERICAN JOURNAL OF CLINICAL NUTRITION*, v. 84 Issue 1, 2006, p. 37-

Cleveland Health Sciences Library/Case Western Reserve University

EuclidPLUS from OLINKS

Record: [Prev](#) [Next](#)

Title: **The American Journal of clinical nutrition**
Imprint: New York, N.Y. : Journal of Clinical Nutrition, Inc., [1954-

Location: JOURNALS
LIB. HAS: Allen Periodicals v.2-v.22 1954-1969

Location: Pre 1980 HCL Periodicals 2nd Fl
LIB. HAS: HCL Periodicals v.23- 1970- August 2006 v.84 no.2

Latest Received: v. 1; ill.; 27 cm
Frequency: Bimonthly
Pub history: Vol. 2, no. 4 (July-Aug. 1954)-
Note: Title from cover

Cleveland Health Sciences Library/Case Western Reserve University

Cited Reference Search

ISI Web of Knowledge™

Web of Science®

Cited Reference Search

Select database(s) and time span: [Database Selection] [Time Span Selection] (updated August 26, 2006)

Citation Databases: [] Science Citation Index Expanded (SCI-EXPANDED)-1980-present [] Social Sciences Citation Index (SSCI)-1980-present [] Arts & Humanities Citation Index (AHCI)-1980-present

Find the citations to a person's work by entering the person's name, the work's source, and/or publication year.

CITED AUTHOR: Enter the name of the cited author (see [cited author index](#) *). Example: O'BRIAN C* OR O'BRIAN C*

CITED WORK: Enter the abbreviated journal/book title in which the work appeared, a volume number, or another [] Done

Cleveland Health Sciences Library/Case Western Reserve University

Cited Reference Index

ISI Web of Knowledge™

Web of Science®

CITED REFERENCE INDEX

References 1 - 50

Index	Cited Author	Cited Work	Volume	Page	Article	View Record
1	Brunengraber H	ALCOHOL, ALI	258	315		View Record
2	Brunengraber H	AM J PHYSIOL	261	4221		View Record
3	Brunengraber H	AM J PHYSIOL	258	1757		View Record
4	Brunengraber H	AM J PHYSIOL	258	1751		View Record
5	Brunengraber H	AM J PHYSIOL	2004	286	1845	View Record
6	Brunengraber H	AM J PHYSIOL	2003	284	1831	View Record
7	Brunengraber H	AM J PHYSIOL	2000	278	1469	View Record
8	Brunengraber H	AM J PHYSIOL	1999	277	1029	View Record
9	Brunengraber H	AM J PHYSIOL	1998	274	1974	View Record
10	Brunengraber H	AM J PHYSIOL	1997	272	832	View Record
11	Brunengraber H	AM J PHYSIOL	1996	271	1110	View Record

Cleveland Health Sciences Library/Case Western Reserve University

Results

ISI Web of Knowledge™

Web of Science®

50 results found (Set #1)

Records 1 - 10 (show all on page)

1. Bederman IL, Katsimov T, Resniko A, et al. **Contribution of labeling of lipogenic acetyl-CoA across the liver: implications for studies of lipogenesis by mass isotopomer analysis.** *JOURNAL OF BIOLOGICAL CHEMISTRY* 279 (41): 43207-43216 OCT 8 2004

2. Bederman IL, Katsimov T, Resniko A, et al. **In vivo modification of fatty acid synthase under conditions simulating the function of lipogenic acetyl-CoA in the liver.** *JOURNAL OF BIOLOGICAL CHEMISTRY* 279 (41): 43217-43226 OCT 8 2004

Cleveland Health Sciences Library/Case Western Reserve University

Full Record

ISI Web of Knowledge™

Web of Science®

Full Record

Record 1 of 30 (Set #1)

Title: **Formation of labeling of lipogenic acetyl-CoA across the liver: implications for studies of lipogenesis by mass isotopomer analysis.**

Author(s): Bederman IL, Resniko A, Katsimov T, Wasserman DH, Kollback JC, Brunengraber H

Source: *JOURNAL OF BIOLOGICAL CHEMISTRY* 279 (41): 43207-43216 OCT 8 2004

Document Type: Article

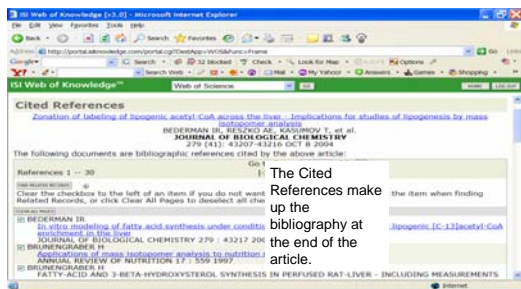
Language: English

Cited References: 40

Abstract: Measurement of fractional lipogenesis by combination polymerization methods requires consistent enrichment of lipogenic acetyl-CoA in all hepatocytes. mass isotopomer distribution analysis (MIDA) and substrate spectral analysis (ISA) represent such methods and are based on the combinatorial analysis of mass isotopomer distributions (MIDs) of fatty acids and sterols. We previously showed that the concentration and enrichment of EC-13[3]oxalo decrease markedly across the dog liver because of the multiphase uptake and production of acetate. To test for

Cleveland Health Sciences Library/Case Western Reserve University

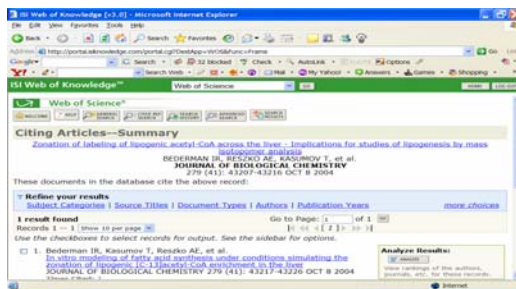
Cited References



The screenshot shows the 'Cited References' section of a Web of Science search result. The main article title is 'Zonation of labeling of isoprenic acetyl-CoA across the liver - Implications for studies of isoprenesis by mass isotopomer analysis' by Bederman et al. (2004). Below the title, a list of references is displayed. A text box with a pointer highlights the first reference: 'BEDERMAN JR, KASUMOV T, RESZKO AE, et al. In vitro synthesis of fatty acid synthesis under conditions simulating the position of isoprenic [C-13]acetyl-CoA synthesis in the liver. JOURNAL OF BIOLOGICAL CHEMISTRY 279 (41): 43207-43216 OCT 8 2004'. The text box contains the text: 'The Cited References make up the bibliography at the end of the article.'

Cleveland Health Sciences Library/Case Western Reserve University

Citing Articles Summary



The screenshot shows the 'Citing Articles--Summary' section of a Web of Science search result. It displays the same article as the first screenshot. Below the article information, there are options to 'Refine your results' and a list of citing articles. The first citing article is: '1. Bederman JR, Kasumov T, Reszko AE, et al. In vitro synthesis of fatty acid synthesis under conditions simulating the position of isoprenic [C-13]acetyl-CoA synthesis in the liver. JOURNAL OF BIOLOGICAL CHEMISTRY 279 (41): 43207-43216 OCT 8 2004'. There is an 'Analyze Results' button next to the list.

Cleveland Health Sciences Library/Case Western Reserve University

More help

- For more information, always look for online help
- Come to the library
- Send us an email [-hclref@case.edu](mailto:hclref@case.edu)
- Call us at 216-368-3218

Cleveland Health Sciences Library/Case Western Reserve University