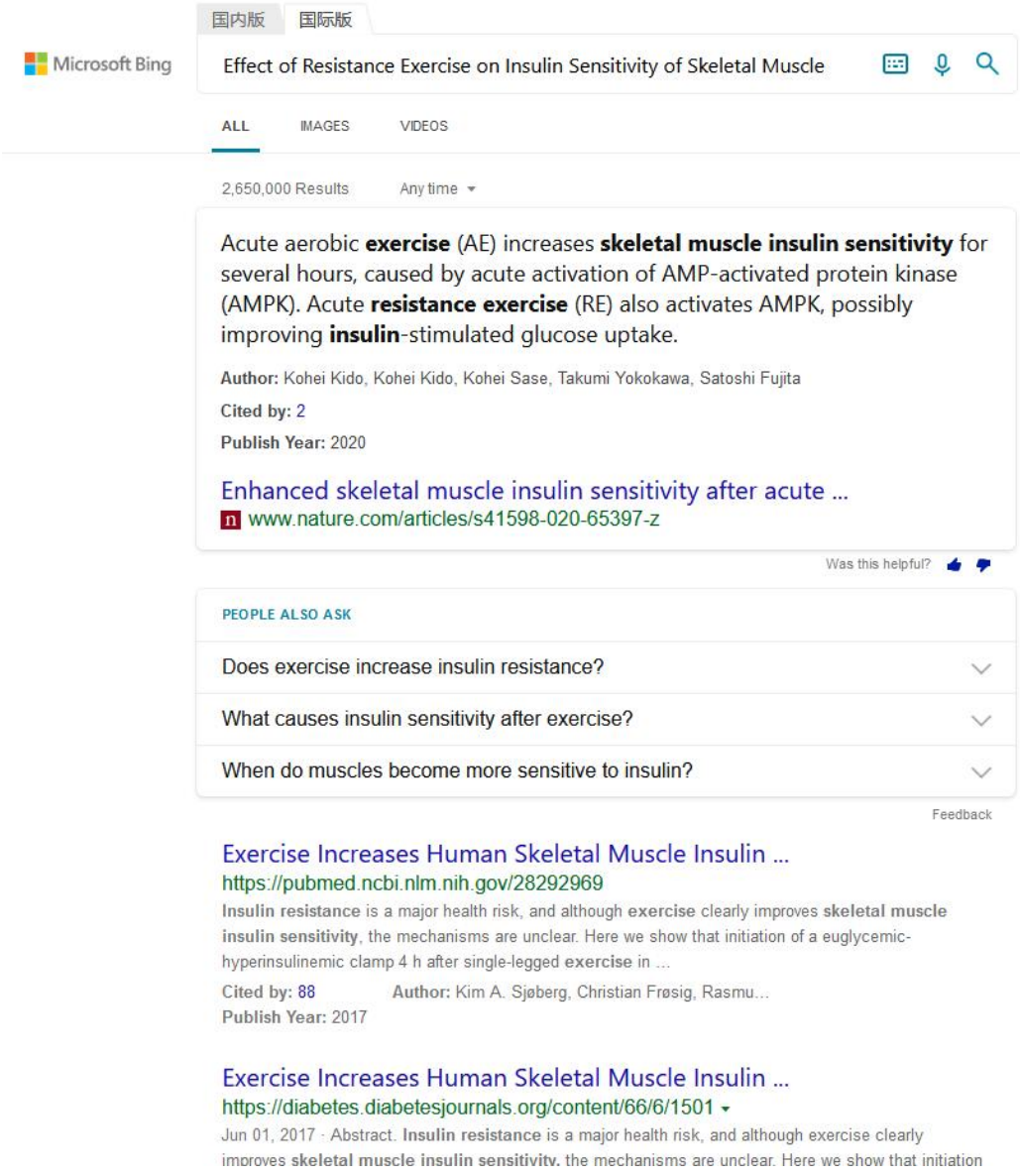

国内版
国际版
Microsoft Bing
Effect of Resistance Exercise on Insulin Sensitivity of Skeletal Muscle
ALL
IMAGES
VIDEOS
2,650,000 Results
Any time
Acute aerobic **exercise** (AE) increases **skeletal muscle insulin sensitivity** for several hours, caused by acute activation of AMP-activated protein kinase (AMPK). Acute **resistance exercise** (RE) also activates AMPK, possibly improving **insulin**-stimulated glucose uptake.
Author: Kohei Kido, Kohei Kido, Kohei Sase, Takumi Yokokawa, Satoshi Fujita
Cited by: 2
Publish Year: 2020
Enhanced skeletal muscle insulin sensitivity after acute ...
www.nature.com/articles/s41598-020-65397-z
Was this helpful?
PEOPLE ALSO ASK
Does exercise increase insulin resistance?
What causes insulin sensitivity after exercise?
When do muscles become more sensitive to insulin?
Feedback
Exercise Increases Human Skeletal Muscle Insulin ...
https://pubmed.ncbi.nlm.nih.gov/28292969
Insulin resistance is a major health risk, and although **exercise** clearly improves **skeletal muscle insulin sensitivity**, the mechanisms are unclear. Here we show that initiation of a euglycemic-hyperinsulinemic clamp 4 h after single-legged **exercise** in ...
Cited by: 88
Author: Kim A. Sjøberg, Christian Frøsig, Rasmu...
Publish Year: 2017
Exercise Increases Human Skeletal Muscle Insulin ...
https://diabetes.diabetesjournals.org/content/66/6/1501
Jun 01, 2017 · Abstract. **Insulin resistance** is a major health risk, and although exercise clearly improves **skeletal muscle insulin sensitivity**, the mechanisms are unclear. Here we show that initiation

国内版 国际版

Microsoft Bing

Effect of resistance exercise on insulin sensitivity of skeletal muscle

ALL IMAGES VIDEOS

3,470,000 Results Any time Open links in new tab

Acute aerobic **exercise** (AE) increases **skeletal muscle insulin sensitivity** for several hours, caused by acute activation of AMP-activated protein kinase (AMPK). Acute **resistance exercise** (RE) also activates AMPK, possibly improving **insulin**-stimulated glucose uptake.

Author: Kohei Kido, Kohei Kido, Kohei Sase, Takumi Yokokawa, Satoshi Fujita

Cited by: 3

Publish Year: 2020

Enhanced skeletal muscle insulin sensitivity after acute ...
www.nature.com/articles/s41598-020-65397-z

Was this helpful?

PEOPLE ALSO ASK

Does exercise increase insulin resistance?

What causes insulin sensitivity after exercise?

When do muscles become more sensitive to insulin?

Feedback

Exercise Increases Human Skeletal Muscle Insulin ...
https://diabetes.diabetesjournals.org/content/66/6/1501

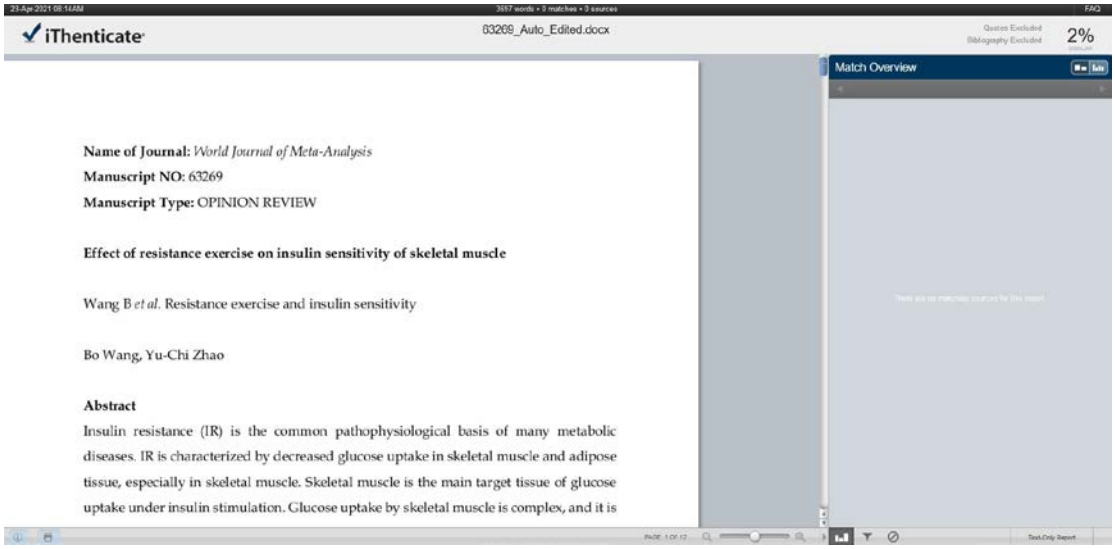
Jun 01, 2017 · Abstract. Insulin resistance is a major health risk, and although exercise clearly **improves skeletal muscle** insulin sensitivity, the mechanisms are unclear. ...

Cited by: 94 **Author:** Kim A. Sjøberg, Christian Frøsig, ...

Publish Year: 2017

Enhanced skeletal muscle insulin sensitivity after acute ...
https://pubmed.ncbi.nlm.nih.gov/32444657

Acute aerobic **exercise** (AE) increases **skeletal muscle insulin sensitivity** for several hours, caused by


29-Apr-2021 08:14AM
3557 words • 0 matches • 0 sources
FAQ
iThenticate
63269_Auto_Edited.docx
Quotes Excluded
Bibliography Excluded
2%
Match Overview
Name of Journal: World Journal of Meta-Analysis
Manuscript NO: 63269
Manuscript Type: OPINION REVIEW
Effect of resistance exercise on insulin sensitivity of skeletal muscle
Wang B et al. Resistance exercise and insulin sensitivity
Bo Wang, Yu-Chi Zhao
Abstract
Insulin resistance (IR) is the common pathophysiological basis of many metabolic diseases. IR is characterized by decreased glucose uptake in skeletal muscle and adipose tissue, especially in skeletal muscle. Skeletal muscle is the main target tissue of glucose uptake under insulin stimulation. Glucose uptake by skeletal muscle is complex, and it is
Text-Only Report

国内版 国际版

Effect of resistance exercise on insulin sensitivity of skeletal muscle

ALL IMAGES VIDEOS

926,000 Results Any time

Acute aerobic **exercise** (AE) increases **skeletal muscle insulin sensitivity** for several hours, caused by acute activation of AMP-activated protein kinase (AMPK). Acute **resistance exercise** (RE) also activates AMPK, possibly improving **insulin**-stimulated glucose uptake.

Author: Kohei Kido, Kohei Kido, Kohei Sase, Takumi Yokokawa, Satoshi Fujita

Cited by: 3

Publish Year: 2020

Enhanced skeletal muscle insulin sensitivity after acute ...
www.nature.com/articles/s41598-020-65397-z

Was this helpful?

PEOPLE ALSO ASK

Does exercise increase insulin resistance?

What causes insulin sensitivity after exercise?

When do muscles become more sensitive to insulin?

Feedback

Exercise Increases Human Skeletal Muscle Insulin ...
https://diabetes.diabetesjournals.org/content/66/6/1501

Jun 01, 2017 · Abstract. Insulin resistance is a major health risk, and although exercise clearly **improves skeletal muscle** insulin sensitivity, the mechanisms are unclear. ...

Cited by: 94 **Author:** Kim A. Sjøberg, Christian Frøsig, ...

Publish Year: 2017

Resistance training improves skeletal muscle insulin ...
https://link.springer.com/article/10.1007/s00125-015-3780-8

Oct 21, 2015 · Although a few studies have examined the effect of resistance training (RT) on whole body insulin sensitivity in elderly humans [18, 19], **no study has yet investigated the effect of RT on skeletal muscle insulin sensitivity using 18F FDG PET/CT and clamp design in elderly women** or