



906,000 Results

Any time ▾

Obstructive Sleep Apnea, Inflammation, and the Metabolic ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3135895>

The combination of **metabolic syndrome** and obstructive **sleep apnea** (OSA) has been termed "syndrome Z." The prevalence of both OSA and **metabolic syndrome** is increasing worldwide, in part linked to the epidemic of **obesity**. Beyond their epidemiologic **relationship**, growing evidence suggests that OSA may be causally related to **metabolic syndrome**.

Cited by: 105

Author: Andrew D. Calvin, Felipe N. Albuquerque,...

Publish Year: 2009

The association between obstructive sleep apnea and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4578823>

Sep 21, 2015 · Obstructive **sleep apnea** (OSA) is characterized by repeated episodes of obstruction of the upper airway. Numerous studies have indicated a **relationship between** OSA and **metabolic syndrome** (MS), but the results remain debatable. We aimed to perform a systematic review and meta-analysis to evaluate the ...

Cited by: 30

Author: Shaoyong Xu, Yi Wan, Ming Xu, Jie Ming,...

Publish Year: 2015

The Bidirectional Relationship Between Obstructive Sleep ...

<https://www.frontiersin.org/articles/10.3389/fendo.2018.00440> ▾

The bidirectional **relationship between obstructive sleep apnea and metabolic disease**. Sleep **apnea** results in intermittent **hypoxia and sleep** fragmentation which lead to and exacerbate **obesity** and type 2 diabetes by increasing sympathetic activity, oxidative **stress**, inflammation, and lipolysis.

Cited by: 6

Author: Sarah N. Framnes, Deanna M. Arble

Publish Year: 2018

Metabolic syndrome and sleep apnea: A bidirectional ...

<https://www.sciencedirect.com/science/article/pii/B9780128135532000087>

Obstructive **sleep apnea** (OSA) is a breathing disorder that often coexists with visceral **obesity**. In this chapter, we examine bidirectional associations **between obesity**, OSA, and **metabolic syndrome**.

Author: Haris Younas, Chenjuan Gu, Aman R...

Publish Year: 2019

The relationship between obstructive sleep apnea and ...

www.oncotarget.com/index.php?journal=oncotarget... ▾

Nov 03, 2017 · **Obesity hypoventilation syndrome** (OHS) is characterized by **obesity**, chronic daytime

Name of Journal: *World Journal of Respirology*

Manuscript NO: 51043

Manuscript Type: ORIGINAL ARTICLE

Case Control Study

Relationship between metabolic syndrome and hypercapnia among obese patients with sleep apnea

Yuka Kimura, Takatoshi Kasai, Yasuhiro Tomita, Satoshi Kasagi, Hisashi Takaya,

Mitsue Kato, Fusae Kawana, Koji Narui

related to this work.

Match Overview

1	Crossref 39 words Takashi Kikuchi, Takatoshi Kasai, Yasuhiro Tomita, Yuka Kimura et al. "Relationship between sleep disordered breathing and metabolic syndrome among obese patients with sleep apnea", <i>World Journal of Respiratory Disease</i> , 2019, 10(12): 123-130.	1%
2	Crossref 27 words Takatoshi Kasai, T. Douglas Bradley. "Obstructive Sleep Apnea and Heart Failure", <i>Journal of the American College of Chest Physicians</i> , 2018, 13(1): 1-10.	1%



895,000 Results

Any time ▾

Obstructive Sleep Apnea, Inflammation, and the Metabolic ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3135895>

The combination of **metabolic syndrome** and obstructive **sleep apnea** (OSA) has been termed "syndrome Z." The prevalence of both OSA and **metabolic syndrome** is increasing worldwide, in part linked to the epidemic of **obesity**. Beyond their epidemiologic **relationship**, growing evidence suggests that OSA may be causally related to **metabolic syndrome**.

Cited by: 105

Author: Andrew D. Calvin, Felipe N. Albuquerque,...

Publish Year: 2009

Relationship between Sleep Apnea ... - PubMed Central (PMC)

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3113965>

Jun 15, 2011 - Obstructive **sleep apnea** (OSA) is associated with **obesity**, inflammation, and insulin resistance. The role of fat distribution in OSA pathogenesis has not been established in children. The objective of the study is to examine the **relationship between** fat distribution, OSA, and insulin resistance in an unselected population of **obese** children.

Cited by: 95

Author: Craig A. Canapari, Alison G. Hoppin, T. B...

Publish Year: 2011

The association between obstructive sleep apnea and ...

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4578823>

Sep 21, 2015 - Obstructive **sleep apnea** (OSA) is characterized by repeated episodes of obstruction of the upper airway. Numerous studies have indicated a **relationship between** OSA and **metabolic syndrome** (MS), but the results remain debatable. We aimed to perform a systematic review and meta-analysis to evaluate the ...

Cited by: 30

Author: Shaoyong Xu, Yi Wan, Ming Xu, Jie Ming,...

Publish Year: 2015

The Bidirectional Relationship Between Obstructive Sleep ...

<https://www.frontiersin.org/articles/10.3389/fendo.2018.00440> ▾

The bidirectional **relationship between** obstructive **sleep apnea** and **metabolic disease**. **Sleep apnea** results in intermittent **hypoxia** and **sleep** fragmentation which lead to and exacerbate **obesity** and type 2 diabetes by increasing sympathetic activity, oxidative **stress**, inflammation, and lipolysis.

Cited by: 6

Author: Sarah N. Framnes, Deanna M. Arble

Publish Year: 2018