

**Name of Journal:** *World Journal of Diabetes*

**Manuscript NO:** 61790

**Manuscript Type:** ORIGINAL ARTICLE

*Observational Study*

**Relationships between emissions of toxic airborne molecules and type 1 diabetes incidence in children. An ecologic study.**

Incidence of type 1 diabetes and air pollutants

Agostino Di Ciaula, Piero Portincasa

## Match Overview

1	<b>Internet</b> 182 words crawled on 23-Oct-2018 <a href="http://www.sdiarticle1.org">www.sdiarticle1.org</a>	5%
2	<b>Internet</b> 20 words crawled on 03-Feb-2012 <a href="http://www.biomedcentral.com">www.biomedcentral.com</a>	1%
3	<b>Crossref</b> 12 words "The Epidemiology of Diabetes Mellitus", Wiley, 2008	<1%
4	<b>Internet</b> 12 words <a href="http://www.diet-rite.com">www.diet-rite.com</a>	<1%
5	<b>Crossref</b> 12 words Agostino Di Ciaula. "Type I diabetes in paediatric age in A ... ulia (Italy): Incidence and associations with outdoor air poll	<1%

激活 Windows  
转到“设置”以激活 Windows。

Relationships between emissions of toxic airborne molecules and ty



Sign in



ALL

IMAGES

VIDEOS

Add the Give with Bing extension &gt;

253,000 Results

Any time ▾

## [Air Pollution - Diabetes and the Environment](#)

[www.diabetesandenvironment.org/home/contam/air](http://www.diabetesandenvironment.org/home/contam/air)

A larger, follow-up study in 2006 found that **children** with **type 1 diabetes** had higher exposure to **ozone** as well as sulfate (SO<sub>4</sub>) air pollution, as compared to healthy children. The effect of **ozone** was...

## [Air pollution and type 1 diabetes in children | Request PDF](#)

<https://www.researchgate.net/publication/7150403...>

The aim of this **study** was therefore to investigate any possible **relationship between** distance from the sea and **incidence of type 1 diabetes**. Methods Spearman correlation **between incidence of type** ...

## [Air pollution as a potential contributor to the 'epidemic ...](#)

<https://www.sciencedirect.com/science/article/pii/S0306987709005234>

Jan 01, 2010 · The most compelling of the epidemiologic investigations are two retrospective case-control studies of the **relationship between air pollution** exposure and the development of **type 1 diabetes**...

Cited by: 74

Author: Stacey A. Ritz

Publish Year: 2010

## Search Tools

[Turn off Hover Translation \(关闭取词\)](#)

PEOPLE ALSO ASK

激活 Windows

转到“设置”以激活 Windows。



ALL

IMAGES

VIDEOS

MAPS

NEWS

SHOPPING

TOOLS ▾

## Air Pollution - Diabetes and the Environment

[www.diabetesandenvironment.org/home/contam/air](http://www.diabetesandenvironment.org/home/contam/air)

A larger, follow-up study in 2006 found that **children** with **type 1 diabetes** had higher exposure to **ozone** as well as sulfate (SO<sub>4</sub>) air pollution, as compared to healthy children. The effect of **ozone** was strongest, while exposure to other air pollutants, including sulfur **dioxide** (SO<sub>2</sub>), nitrogen **dioxide** (NO<sub>2</sub>), and particulate matter (PM<sub>10</sub>) were not associated with **type 1 diabetes** development (Hathout et al. ...

## Air pollution and type 1 diabetes in children | Request PDF

<https://www.researchgate.net/publication/7150403...>

The aim of this **study** was therefore to investigate any possible **relationship between** distance from the sea and **incidence of type 1 diabetes**. Methods Spearman correlation **between incidence of type** ...

### PEOPLE ALSO ASK

What type of air pollution is associated with diabetes? ▾

Is there any connection between air pollution and IBD? ▾

How is air pollution linked to cardiovascular disease? ▾

Feedback

## Exposure to environmental chemicals and type 1 diabetes ...

<https://www.researchgate.net/publication/331694352...>

Aims: To investigate the **incidence** rates and trends in **Type 1 diabetes in children** and adolescents aged 0-19 years in the registered Zhejiang population over the period 2007-2013 by age, sex and ...

## Air pollution as a potential contributor to the 'epidemic ...

<https://www.sciencedirect.com/science/article/pii/S0306987709005234>

Jan 01, 2010 · The most compelling of the epidemiologic investigations are two retrospective case-control **studies of the relationship between air pollution** exposure and the development of **type 1 diabetes** (T1D) published by Hathout et al.; in both instances, the authors found significant associations **between** ambient air **pollution** levels and the risk of T1D, .

Cited by: 73

Author: Stacey A. Ritz

Publish Year: 2010