

Ambiente, inquinamento e salute del bambino: esiste un nesso?

Grerorio P. Milani

Università degli Studi di Milano

Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico

Tanti anni fa.....



Cosa è l'inquinamento?

**L'inquinamento altera un mezzo come
l'aria, l'acqua o il suolo in modo tale da
riuscire a renderlo dannoso per le persone
o per la natura**

**Quanto è “antico”
l'inquinamento?**



Spengler JD. Science.
1983;221(4605):9-17

E la scienza?

[Save](#)[Email](#)[Send to](#)

Sorted by: Most recent ↓

[Display options](#)

MY NCBI FILTERS

509,408 results

 Page of 50,941

RESULTS BY YEAR



1872

2023

[FABRICATION OF SPIRULINA BASED ACTIVATED CARBONS FOR WASTEWATER TREATMENT.](#)

1 Cite

Rakib M, Baddam Y, Subeshan B, Sengul AB, Asmatulu E.

Environ Technol. 2022 Oct 20:1-34. doi: 10.1080/09593330.2022.2138557. Online ahead of print.

PMID: 36263868

Abstract The lack of safe drinking water is among the main problems to be faced by many areas of the world due to climate change, unrestrained population increases, and unsustainable usage of water sources. Therefore, research projects focusing on water quality, **pollution**, ...

Share



(pollution) AND (children)



Search

Advanced Create alert Create RSS

User Guide

Save

Email

Send to

Sorted by: Most recent ↓

Display options

MY NCBI FILTERS

30,365 results

<< < Page 1 of 3,037 > >>

RESULTS BY YEAR



1945



Share



Risk of functional disability associated with solid fuel use and population impact of reducing indoor air pollution in China: A national cohort study.

1 Cite Ren Z, Sun W, Shan S, Hou L, Zhu S, Yi Q, Wu Y, Guo C, Liu J, Song P.

Front Public Health. 2022 Oct 3;10:976614. doi: 10.3389/fpubh.2022.976614. eCollection 2022.

PMID: 36262231 [Free PMC article.](#)



Influence on storage condition and time on properties of carbonated beverages



Social Science & Medicine

Volume 42, Issue 6, March 1996, Pages 831-841



Establishing links between air quality and health: Searching for the impossible?

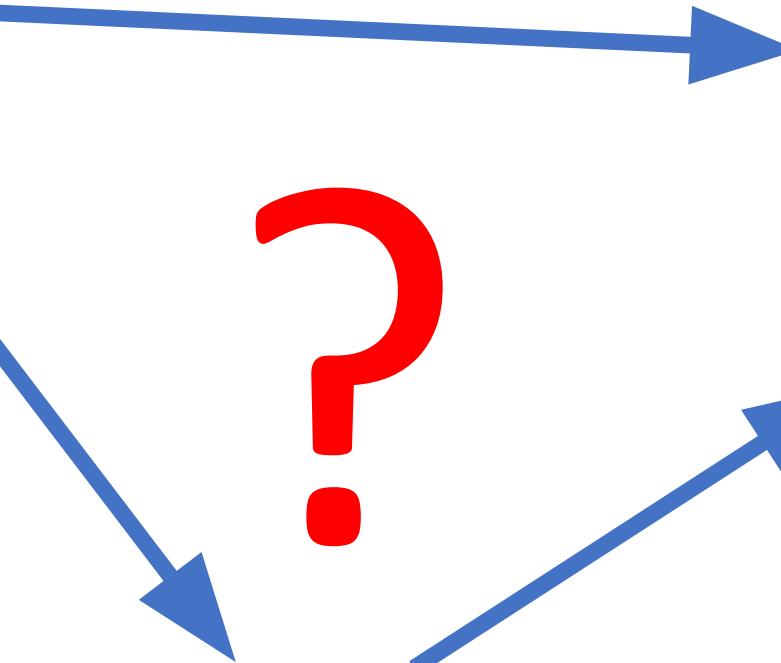
Christine Dunn¹, Simon Kingham², *



Inverno

Accessi in
pronto
soccorso
pediatrico

Inquinamento



Bronchiolite



LEGO

ITALIA ESTERI POLITICA SPETTACOLI SPORT HI-TECH ALTRE SEZIONI ▾



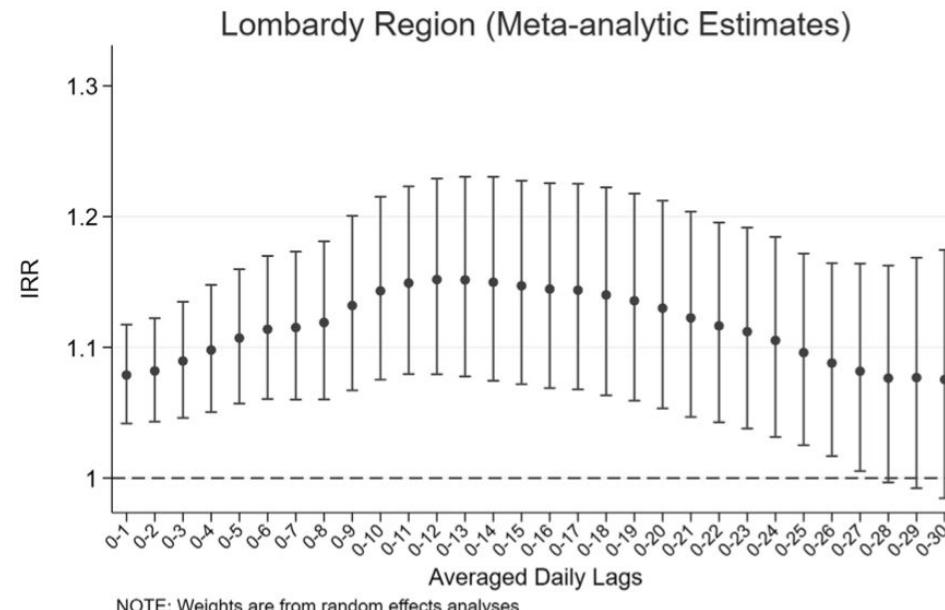
Boom di bronchioliti a Milano: reparti pieni e bambini trasferiti anche fuori regione

Zuccotti: «Difficile fare previsioni su quanto durerà questa situazione. Certamente qualche settimana bisogna stringere i denti»



PM10 exposure is associated with increased hospitalizations for respiratory syncytial virus bronchiolitis among infants in Lombardy, Italy

Michele Carugno ^a✉, Francesco Dentali ^b, Giovanni Mathieu ^c, Andrea Fontanella ^d, Jacopo Mariani ^a, Lorenzo Bordini ^e, Gregorio Paolo Milani ^{a, e}, Dario Consonni ^e, Matteo Bonzini ^{a, e}, Valentina Bollati ^a, Angela Cecilia Pesatori ^{a, e}



ORIGINAL ARTICLE |  Open Access | 

PM_{2.5}, PM₁₀ and bronchiolitis severity: A cohort study

Gregorio P. Milani , Marco Cafora, Chiara Favero, Anna Luganini, Michele Carugno, Erica Lenzi, Anna Pistocchi, Eva Pinatel, Luigi Pariota, Luca Ferrari, Valentina Bollati

First published: 01 October 2022 | <https://doi.org/10.1111/pai.13853>

-1st week AVG (Day 0-6)	0.0235	0.0117	0.0005	0.0466	.0449
-2nd week AVG (Day -7 -13)	0.0151	0.0119	-0.0082	0.0384	.2040
-3rd week AVG (Day -14 -20)	0.0426	0.0129	0.0173	0.0679	.0010
-4th week AVG (Day -21 -27)	0.0032	0.0110	-0.0184	0.0248	.7688
-2 week AVG (Day 0-13)	0.0284	0.0143	0.0003	0.0565	.0473
-3 week AVG (Day 0-20)	0.0425	0.0154	0.0122	0.0728	.0059
-4 week AVG (Day 0-27)	0.0318	0.0151	0.0023	0.0614	.0348

Article

Air Pollutants' Concentrations Are Associated with Increased Number of RSV Hospitalizations in Polish Children

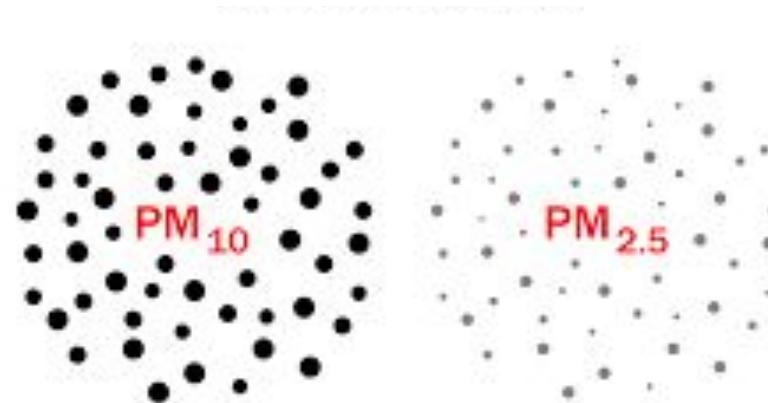
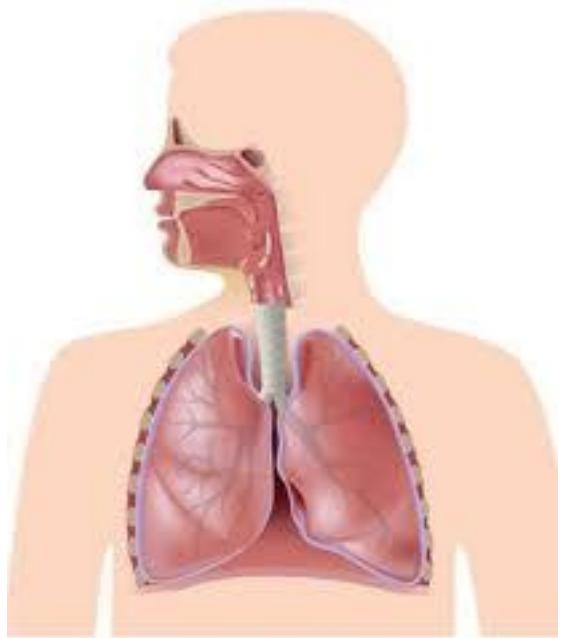
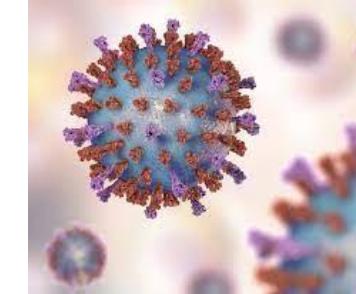
August Wrotek ^{1,2,*}, Artur Badyda ^{3,4,*}, Piotr O. Czechowski ⁵, Tomasz Owczarek ⁵, Piotr Dąbrowiecki ^{4,6} and Teresa Jackowska ^{1,2,*}

2010-2019

Polonia

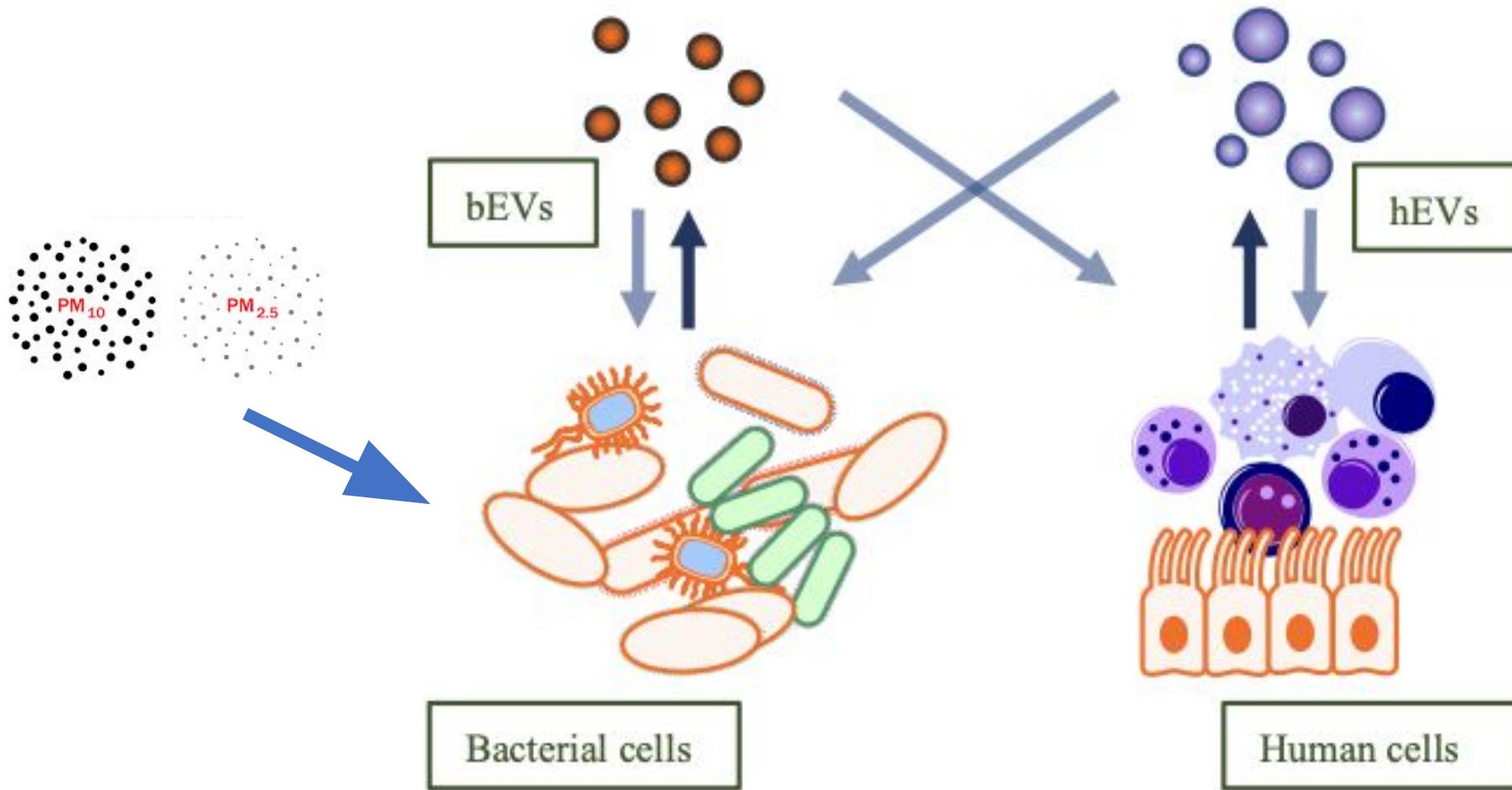
23% Ospedalizzazioni

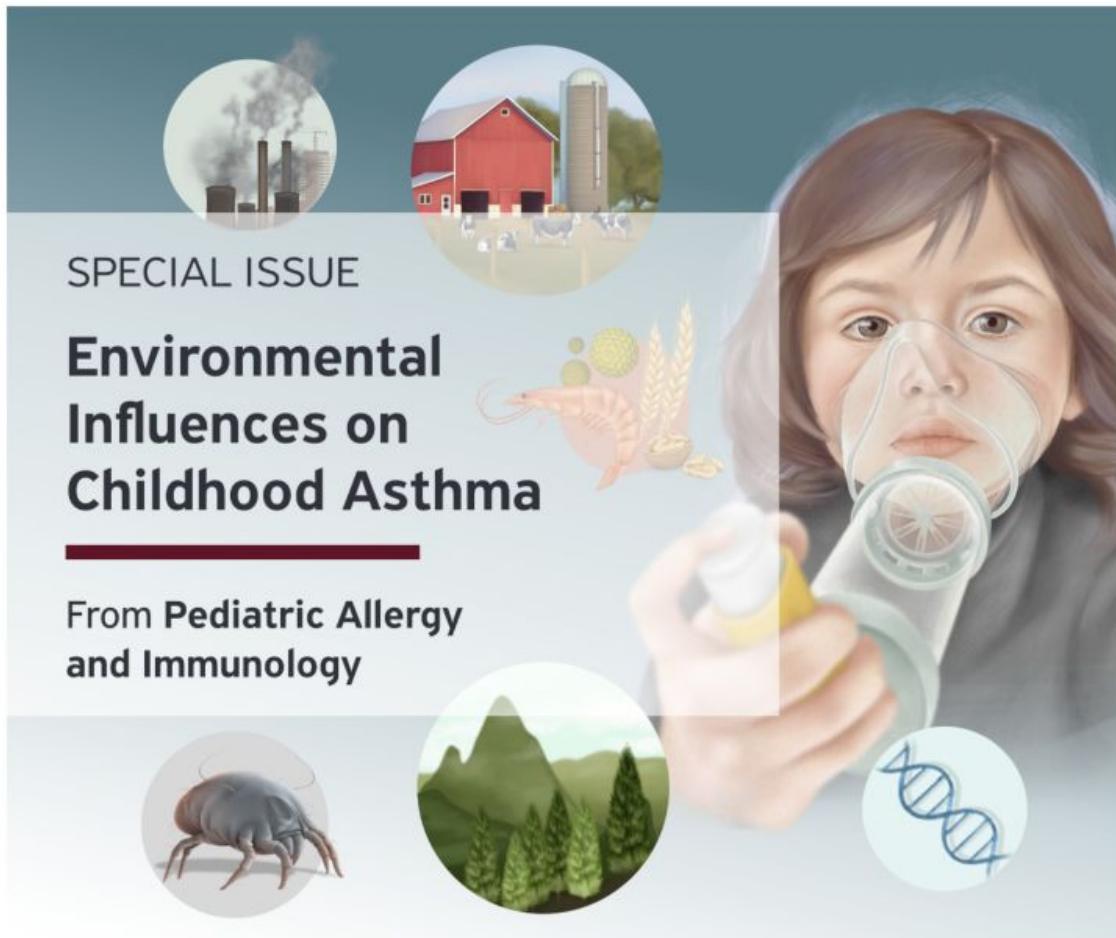
Plausibilità biologica



Leung SY. Thorax. 2021;76:360-369.

Microbioma delle vie respiratorie – Sistema immune – rischio infezioni





Asma

Tumori

Patologie cardiovascolari

Disturbi neuropsichiatrici

*“Se non ritornerete come
bambini.....”*